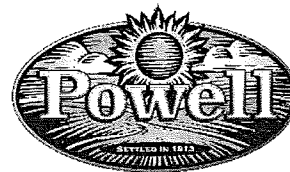


CITY OF POWELL
PLANNING AND ZONING COMMISSION (P&Z)
FINAL DEVELOPMENT PLAN APPLICATION



ALL ITEMS ON THIS APPLICATION MUST BE COMPLETED.

Application Fee: \$600.00 + \$90.00 per acre

Applicant: ELITE LAND TITLE LLC. \ 75 LINCOLN LLC

Address/City/State/Zip: 3755 ATTUCKS DRIVE POWELL OHIO 43065

Email Address: RCORWIN@ELITE-LANDTITLE.COM

Phone No: 614-568-0033 Cell Phone No: 614-946-6940 Fax No: 614-568-0034

Property Owner: PAUL ACKERMAN

Address/City/State/Zip: 7940 GLENMORE DRIVE POWELL OHIO 43065

Email Address: _____

Phone No: _____ Cell Phone No: _____ Fax No: _____

Architect/Designer for Applicant: SCOTT BAKER / SBA STUDIOS LLC

Address/City/State/Zip: _____

Email Address: SBAKER@SBA-STUDIOS.COM

Phone No: 614-562-7761 Cell Phone No: _____ Fax No: _____

Property Address: 75 LINCOLN STREET POWELL OHIO 43065

Lot Number/Subdivision: _____ Existing Use: VACANT LAND Proposed Use: OFFICE SPACE

Reason for Administrative Review (attach necessary documents): _____

Checklist:

- ☒ Preliminary Plan requirements set forth in Section 1143.11(c) and Final Plan requirements set forth in Section 1143.11(i).
- ☒ Provide any other information that may useful to the Planning and Zoning Commission or City Staff in the space below or attach additional pages.
- ☒ **15 copies** of all drawings, text, any other items, and application.
- ☒ Provide a PDF copy of all plans, drawings, text, any other items, and application on a CD.
- ☒ Attach the required fee - \$600.00 + \$90.00 per acre.

(See Over)

**APPROVAL SHALL EXPIRE AND MAY BE REVOKED IF CONSTRUCTION DOES NOT BEGIN
WITHIN TWO (2) YEARS FROM THE DATE OF ISSUANCE OF APPROVAL.**

I agree to grant the City Staff, the Commission, Board or Council considering this application access to the property that is the subject of this application for the purposes of reviewing this application and posting public notice for this application.

Signature of Applicant: _____

Date: _____

3/12/15

Office Use

Received

Office Use

AMT _____

TYPE/DATE _____

RECEIPT # _____

PAYOR _____

Payment

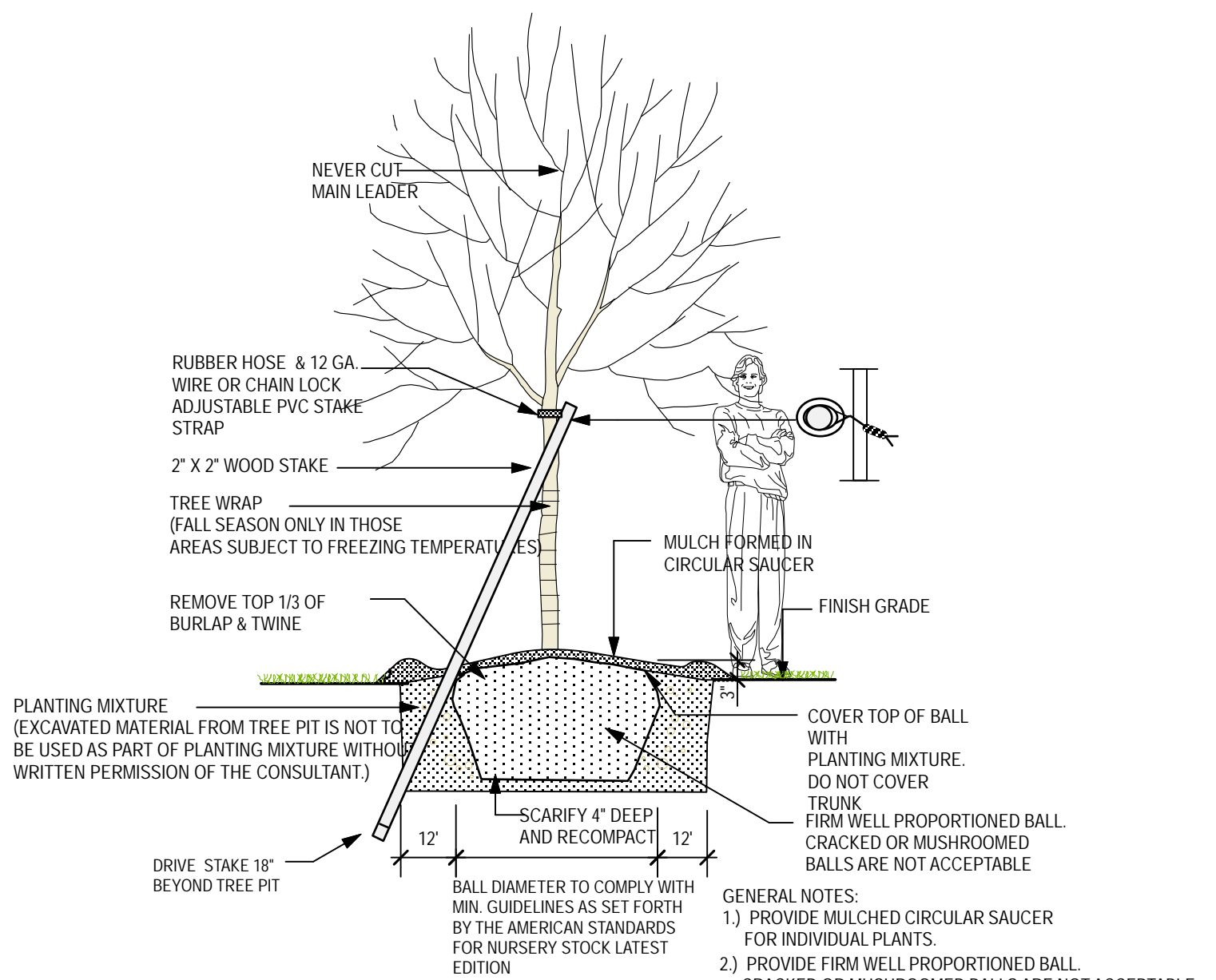
City of Powell · 47 Hall Street · Powell, Ohio 43065 · (614) 885-5380 · (614) 885-5339 fax · www.cityofpowell.us



Plant Materials List

Quantity	Common Name	Botanical Name	Size	Root / Remarks
Deciduous Trees				
2	Chinese or Lacebark Elm	Ulmus parvifolia	2.0" Cal.	B&B
Ornamental Trees				
2	Shadblow Serviceberry	Amelanchier canadensis	8' Multi-stem	B&B
1	Pink Flowering Dogwood	Cornus florida var. rubra	2.0" Cal..	B&B
Evergreen Trees				
57	Hick's Yew	Taxus x media 'Hicksii'	30" Ht.	Cont.
Deciduous/Evergreen Shrubs				
3	Blue Boy Holly	Ilex x meserveae 'Blue Boy'	24"	Cont.
1	Blue Girl Holly	Ilex x meserveae 'Blue Girl'	24"	Cont.
17	Wintergreen Boxwood	Buxus microphylla 'Wintergreen'	24"	Cont.
10	Gro-Low Fragrant Sumac	Rhus aromatica 'Gro-Low'	18" to 24" Sp.	Cont.
Perennials				
26	Stella De Oro Daylily	Hemoerocallis 'Stella De Oro'	1 Gal.	Cont.

Notes: Plant material size refers to Height unless otherwise noted.



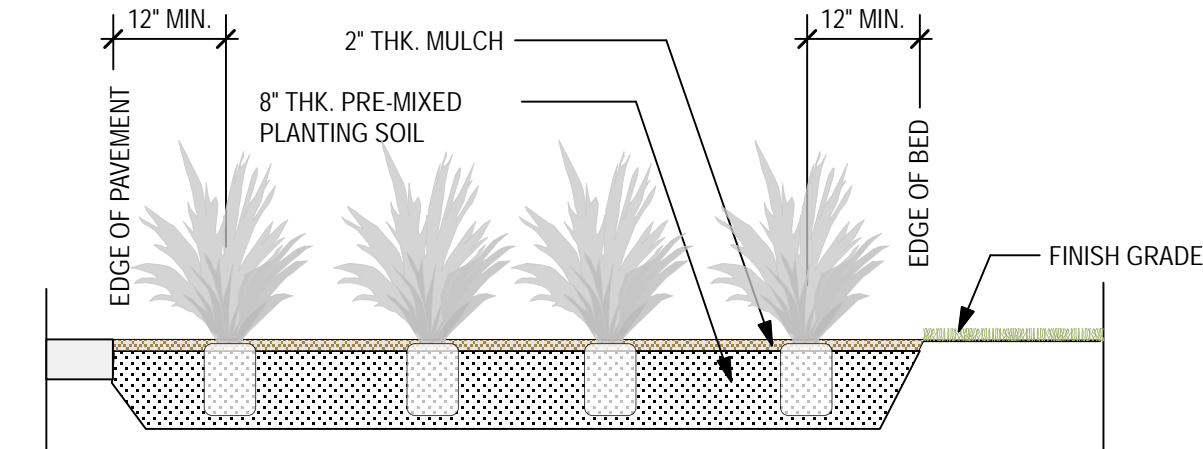
DETAIL: DECIDUOUS TREE STAKING

SCALE : NONE

LANDSCAPE PLAN

GENERAL NOTES S-Details® version 2010

- CONTRACTOR TO VERIFY WITH OWNER AND UTILITY COMPANIES THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. TO DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES. WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL UTILITY PROTECTION SERVICE AND/OR OWNER 72 HOURS PRIOR TO CONSTRUCTION.
- EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
- CONTRACTOR TO SATISFACTORY REPAIR ALL DAMAGES TO EXISTING CONDITIONS.
- ALL PLANT MASSES AND HEDGES ARE TO BE CONTAINED WITHIN A BARK MULCH BED.
- BED LINE TO BE NO LESS THAN 18" AND NO MORE THAN 24" FROM OUTER EDGE OF PLANT MATERIAL BRANCHING.
- ALL SHRUBS TO BE A MINIMUM OF 4'-0" FROM PAVEMENT EDGE UNLESS SPECIFICALLY NOTED OTHERWISE.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN LAWN AREAS.
- FINE GRADE LAWN AREAS TO PROVIDE A SMOOTH AND CONTINUAL GRADE FREE OF IRREGULARITIES OR DEPRESSIONS.
- WHERE PROPOSED TREE LOCATIONS OCCUR UNDER EXISTING OVERHEAD UTILITIES OR CROWD EXISTING TREES, NOTIFY THE CONSULTANT TO ADJUST TREE LOCATIONS.
- MULCH TO BE TRIPLE PROCESSED HARDWOOD BARK MULCH. MULCH TO BE BROWN IN COLOR. SUBMIT SAMPLE TO CONSULTANT FOR FINAL APPROVAL.

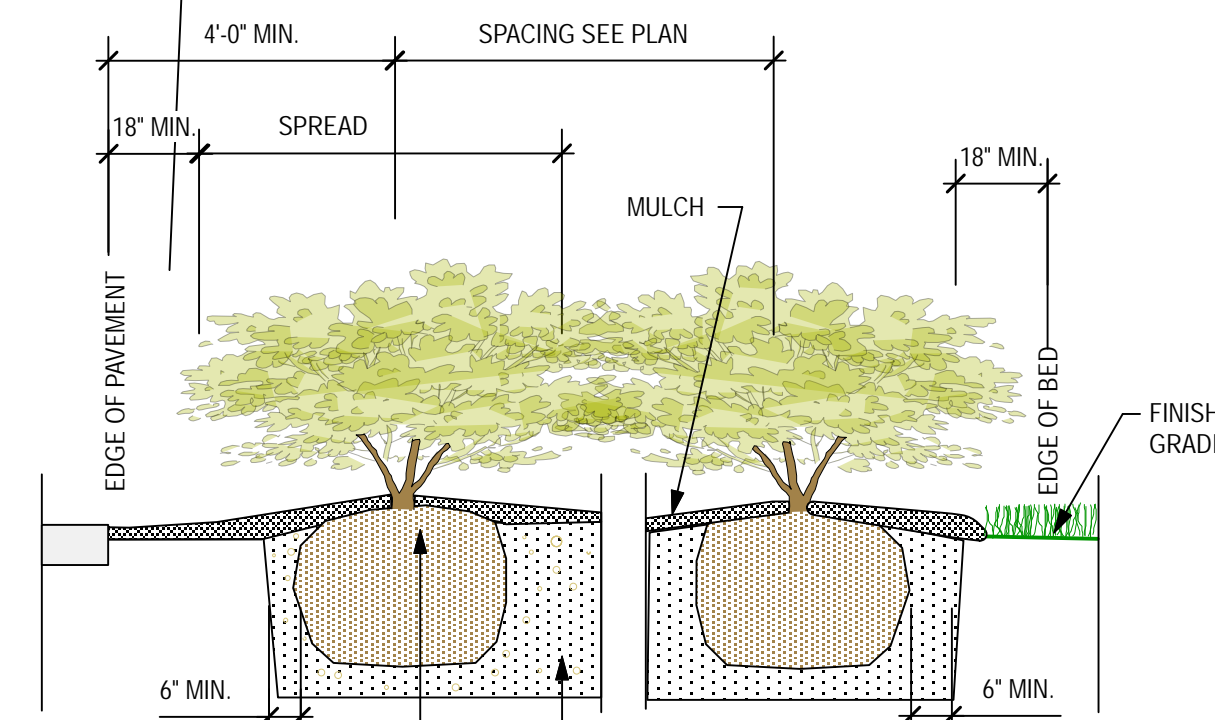


NOTES

- PRIOR TO PLANTING PERENNIALS, THE BED IS TO BE SMOOTH WITHOUT DIPS OR RIDGES. AFTER PLANTING THE PERENNIALS, RAKE THE BED SURFACE SMOOTH PRIOR TO MULCHING.
- VERTICALLY CUT THE PERIMETER ROOTS AROUND THE CIRCUMFERENCE WITH A KNIFE. FOR ALL CONTAINER ROOT BOUND PLANTS PRIOR TO PLANTING.
- SPACE PLANTS PER PLAN.

DETAIL: PERENNIAL PLANTING

SCALE: NONE



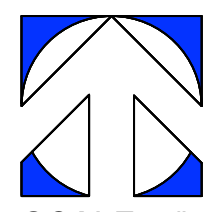
REMOVE TOP 1/3 OF BURLAP INCLUDING TWINE OF BALLED AND BURLAP PLANTS. REMOVE COMPLETE CONTAINER OR PEAT POT FOR CONTAINER GROWN OR POTTED PLANTS. SCARIFY PERIMETER ROOTS OF CONTAINER ROOT BOUND PLANTS.

GENERAL NOTES:

- PROVIDE MULCHED CIRCULAR SAUCER FOR INDIVIDUAL PLANTS.
- PROVIDE FIRM WELL PROPORTIONED BALL. CRACKED OR MUSHROOMED BALLS ARE NOT ACCEPTABLE.
- THE 1ST ORDER LATERAL ROOTS ARE TO BE PARTIALLY EXPOSED PRIOR TO DIGGING. DIG PLANTS SO THAT BURLAP RESTS ON NO MORE THAN 1" OF SOIL ABOVE 1ST ORDER LATERAL ROOTS.

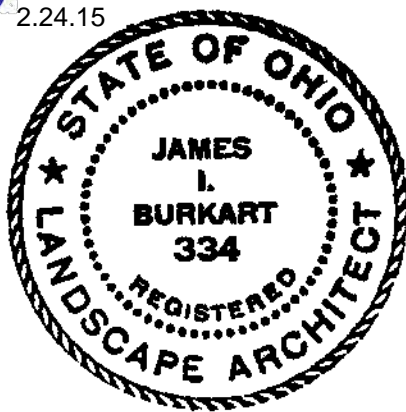
DETAIL: SHRUB PLANTING

SCALE : NONE



LANDSCAPE PLAN

SCALE: 1"=10'



DRAWN BY:
J. BURKART
CHECKED BY:
J. BURKART
DATE:
1.24.15

REVISIONS:

DRAWING PHASE:

- ☐ SCHEMATIC
- ☐ DESIGN DEVELOPMENT
- ☒ CONSTRUCTION DOCUMENT
- ☒ PERMIT SET
- ☐ BID SET

THIS DRAWING IS COPYRIGHTED AND IS THE EXCLUSIVE PROPERTY OF JAMES L. BURKART. IT IS NOT TO BE REPRODUCED, COPIED, OR OTHERWISE USED WITHOUT THEIR WRITTEN PERMISSION.

PROJECT:
Elite Land Title
75 Lincoln Street
Powell, Ohio 43065

PROJECT:

J. BURKART
DISTINGUISHED LANDSCAPE ARCHITECTURE
JAMES BURKART ASSOCIATES, INC., 5737 LAKE FOREST WAY,
WEST LAFAYETTE, INDIANA 47906
email: jburkart@jbausa.com

JBA #: 1505

SHEET:

SP-1

P:\Elite Land Title\20150003.000 75 Lincoln Street Office Bldg\Drawings\Civil\ Preliminary\20150003.000_C01.dwg
3/10/2015 3:18 PM Lundgren, Bryan

SITE DEVELOPMENT DATA

PID NO: 319-426-02-018-000

ZONING: DOWNTOWN BUSINESS DISTRICT - DB

EXISTING USE: VACANT

PROPOSED USE: OFFICE BUILDING

SITE AREA: 0.46 AC
DISTURBED AREA: 0.46 ACRE (UNDER 1 ACRE - OHIO EPA NOI PERMIT NOT REQUIRED)
PRE-IMPERVIOUS AREA: 0.07 ACRES
POST-IMPERVIOUS AREA: 0.33 ACRES

OWNER/DEVELOPER: ELITE TITLE LAND
ATTUCKS DRIVE
POWELL, OH 43065

CONTACT:
ROBERT CORWIN
PHONE: 614.568.0033
EMAIL: RCORWIN@ELITE-LANDTITLE.COM

ARCHITECT: SBA STUDIOS
1565 DALE FORD ROAD
DELAWARE, OH 43015

CONTACT:
SCOTT BAKER
PHONE: 614.562.7761
EMAIL: SBAKER@SBA-STUDIOS.COM

CIVIL ENGINEER: OSBORN ENGINEERING
990 W. THIRD AVENUE
COLUMBUS, OH 43212

CONTACT:
BRYAN LUNDGREN, PE
PHONE: 614.306.6374
EMAIL: BLUNDGREN@OSBORN-ENG.COM

SITE PLAN NOTES:

1. PARKING REQUIREMENTS:

- GROSS FLOOR AREA: 2,735 SF
- PARKING REQUIRED: 1:200 SF = 14 SPACES
- PARKING PROVIDED: 14 SPACES

2. UTILITY SERVICES:

- EXISTING WATER SERVICE AND SANITARY SERVICE ARE LOCATED ALONG LINCOLN STREET

3. STORM WATER MANAGEMENT:

- PARKING LOT TO SERVE AS A DETENTION FACILITY.

SURVEY PREPARED BY:

BENCHMARK LAND SURVEYING
3501 MANILA DRIVE
WESTERVILLE, OHIO 43081
(614) 794-9609 ~ OFFICE
(614) 899-0336 ~ FAX
PREPARED JANUARY 2015

SOURCE BENCHMARK: DELAWARE COUNTY
UTILITIES - SAN MH, DCRSD_ID: 09MH001660000005
ELEVATION = 925.38

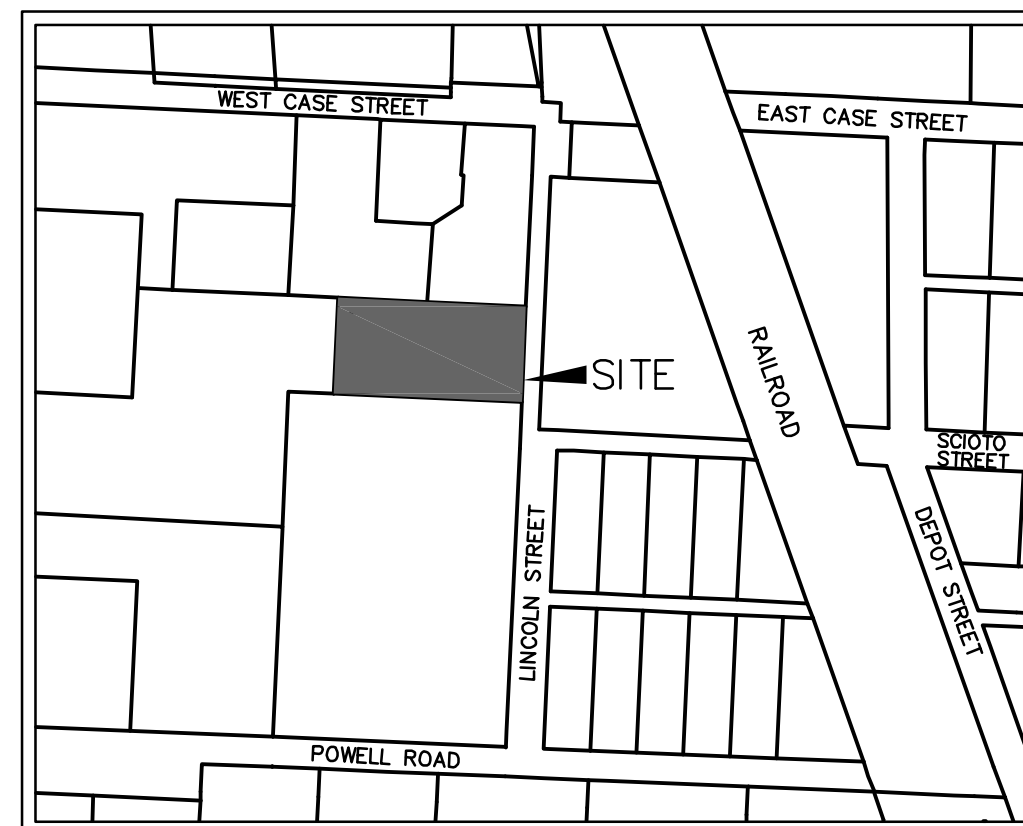
FEMA NOTE:

According to FEMA Flood Insurance Rate Map (FIRM) Index # 39041C0237K, dated 04/16/2009, the subject property is located in Zone X, designated as an area outside the 100 and 500 year flood zones and the flood potential for the subject property is minimal.

UNDERGROUND UTILITIES
2 WORKING DAYS
BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES
PROTECTION SERVICE
NON-MEMBER
MUST BE CALLED DIRECTLY

ABBREVIATION LEGEND

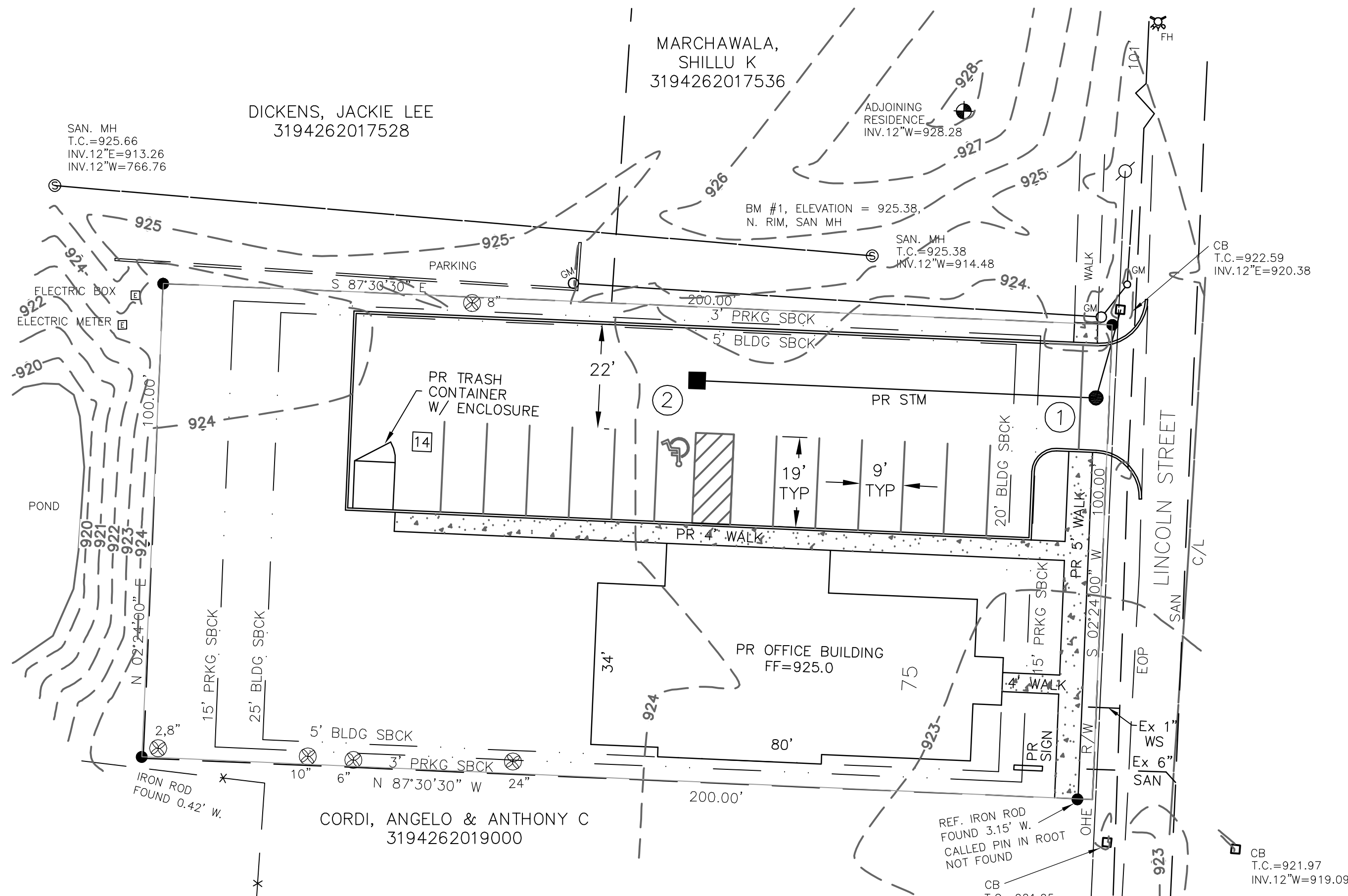
PR	PROPOSED
TYP	TYPICAL
R/W	RIGHT OF WAY
EOP	EDGE OF PAVEMENT
C/L	CENTERLINE
STM	STORM SEWER
SAN	SANITARY SEWER
WS	WATER SERVICE
FH	FIRE HYDRANT
OHE	OVERHEAD ELECTRIC



VICINITY MAP
NOT TO SCALE

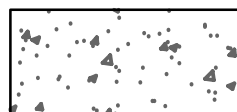
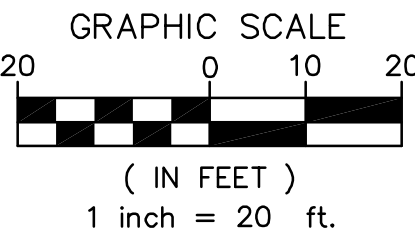
Legend

- Ex. Finished Floor Elevation
- Ex. Sanitary Manhole
- ex. Catch Basin
- Ex. Hydrant
- Ex. Power Pole
- Ex. Transformer
- Ex. Water Valve
- Ex. Tree (w/ size)
- Ex. Electric Meter
- Ex. Gas Valve
- Ex. Gas Meter
- 5/8"-REBAR SET (w/ "S-7980" CAP)
- 3/4" IRON PIN FOUND



SITE PLAN

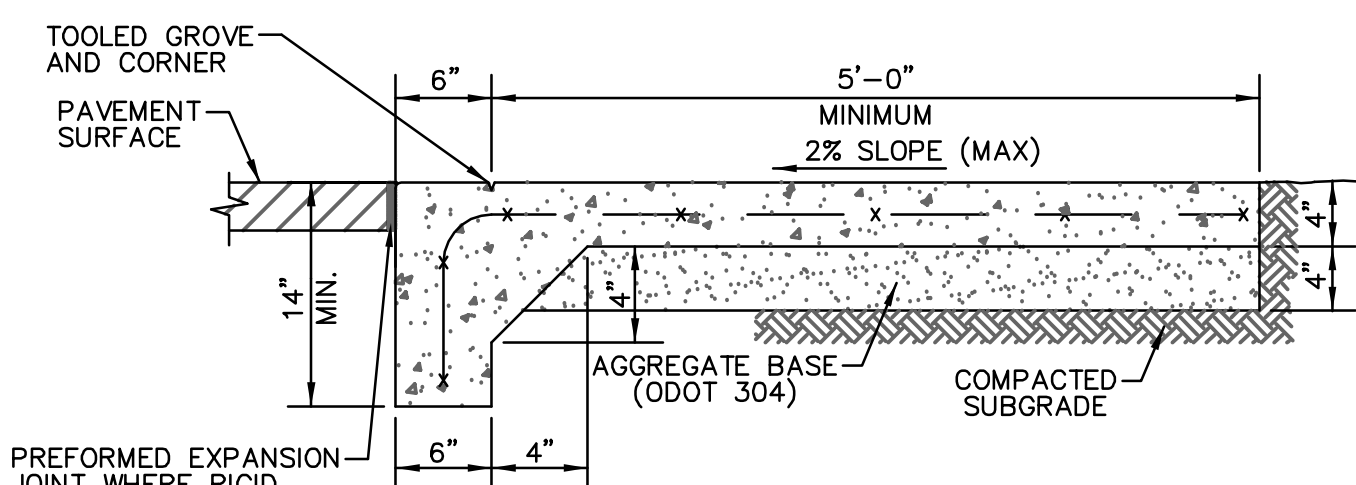
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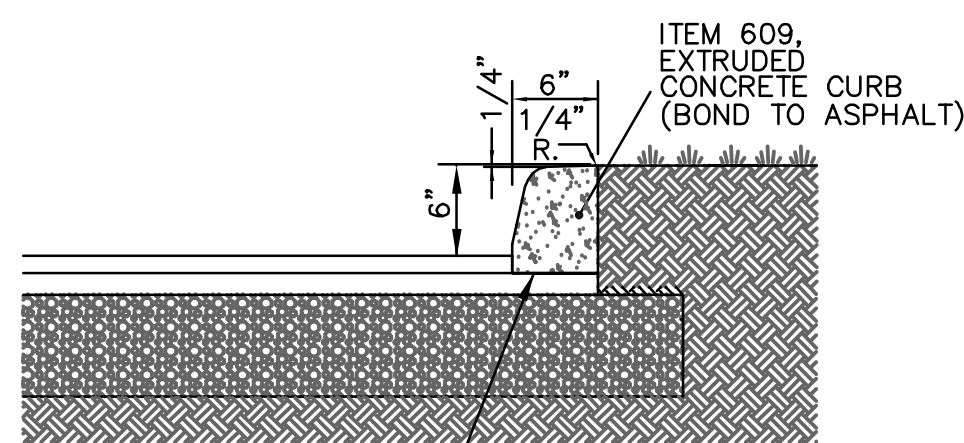
CONCRETE WALK
IMPROVEMENT AREA

NOTES

- USE 3/8"x 4" EXPANSION JOINTS AT CHANGE OF DIRECTIONS, CURBS, RIGID STRUCTURES, AND RIGID PAVEMENT. ON STRAIGHT RUNS PROVIDE EXPANSION JOINTS EVERY 20 FEET.
- CONCRETE-
SIDEWALKS- USE READY-MIX CONCRETE WITH 4,000 PSI STRENGTH @ 28 DAYS.
- USE REINFORCEMENT - 6x 6 - W1.4x W1.4 W.W.M.
- TOOL ALL EXPOSED EDGES AND JOINTS TO 3/4" RADIUS.
- BROOM FINISH ACROSS DIRECTION OF TRAVEL.



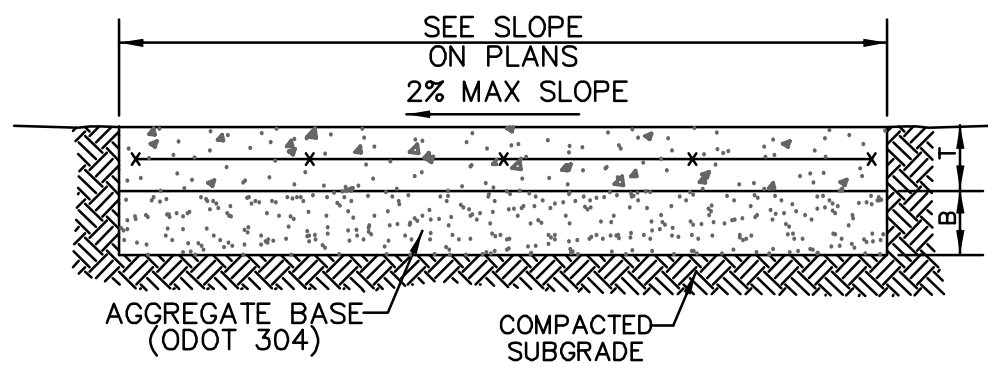
INTEGRAL CURB
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



EXTRUDED CURB DETAIL
NOT TO SCALE

NOTES

- USE 3/8"x 4" EXPANSION JOINTS AT CHANGE OF DIRECTIONS, CURBS, RIGID STRUCTURES, AND RIGID PAVEMENT. ON STRAIGHT RUNS PROVIDE EXPANSION JOINTS EVERY 20 FEET.
- CONCRETE-
SIDEWALKS- USE READY-MIX CONCRETE WITH 4,000 PSI STRENGTH @ 28 DAYS.
- USE REINFORCEMENT - 6x 6 - W1.4x W1.4 W.W.M.
- TOOL ALL EXPOSED EDGES AND JOINTS TO 3/4" RADIUS.
- BROOM FINISH ACROSS DIRECTION OF TRAVEL.



CONCRETE SIDEWALK DETAIL
NOT TO SCALE



3755 ATTUCKS DRIVE
POWELL, OHIO 43065
T: 614 568-0033
F: 614 568-0034



1100 Superior Ave - Suite 300 | Cleveland, OH 44114
441 Wolf Ledges Pkwy - Suite 300 | Akron, OH 44311
990 West Third Avenue | Columbus, OH 43212

NEW OFFICE
BUILDING
75 LINCOLN ST.

POWELL
DELAWARE COUNTY
OHIO

TAG	ISSUED	DATE
A	PRELIMINARY	1.27.15
B	REVISION 1	2.11.15
C	REVISION 2	3.10.15

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DRAWN BY: SF
CHECKED BY: BL
CLIENT PROJ. NO.:

OSBORN PROJ. NO. J20150003.000

PRELIMINARY
DEVELOPMENT
PLAN

DRAWING NO.

C.01



- | # | DATE | ISSUED WITH: CHANGE DESCRIPTION |
|---|------|---------------------------------|
| | | |
| | | |
| | | |
| | | |



ELITE
LAND TITLE

SCALE: 1/4" = 1'-0"

SHEET # / DESCRIPTION

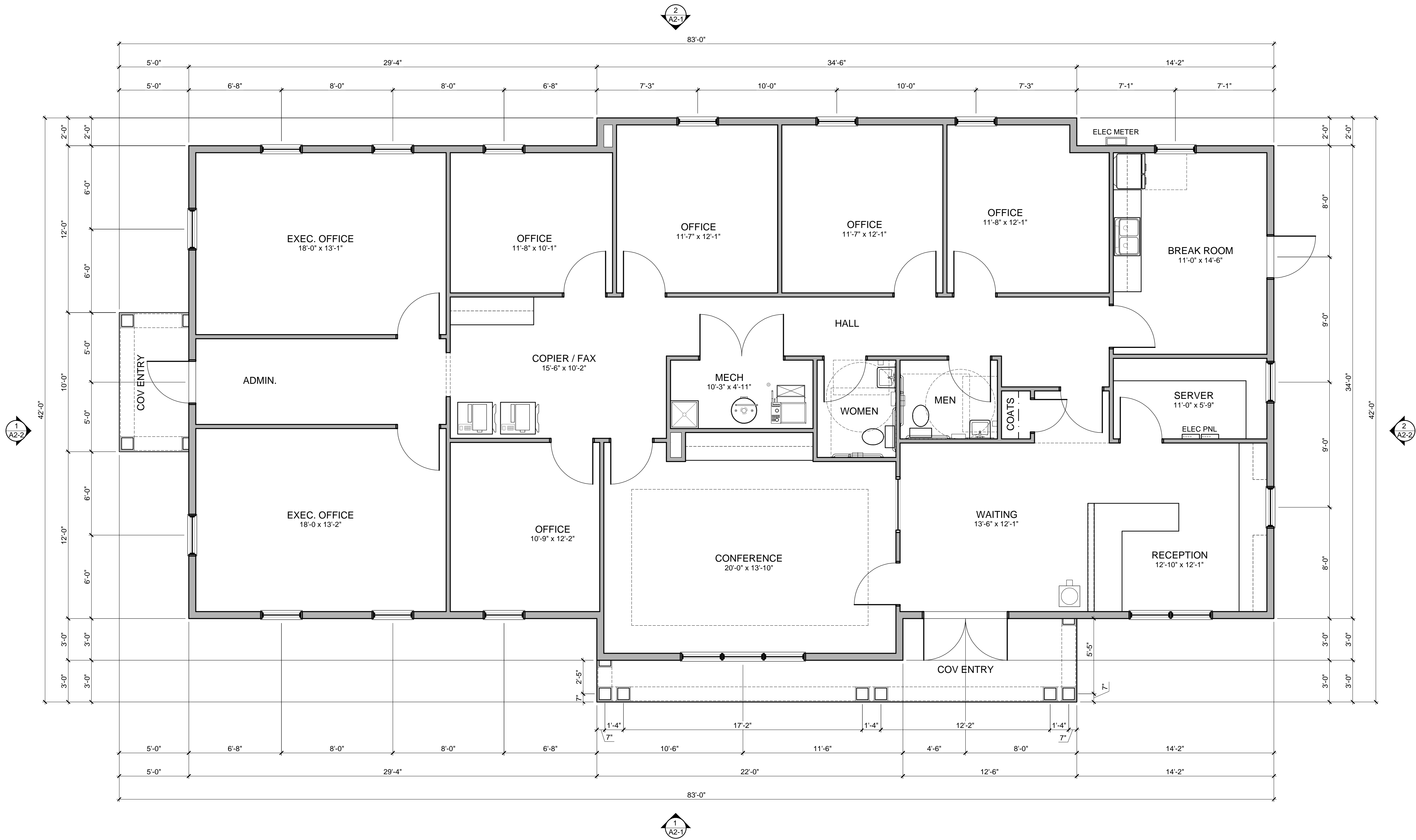
ASSESSMENT PLAN

A1-0

DATE: 02.23.2015

PRELIMINARY

STUDIOS PROJECT # 2014-391



#	DATE	ISSUED WITH: CHANGE DESCRIPTION

ELITE LAND TITLE
NEW OFFICES

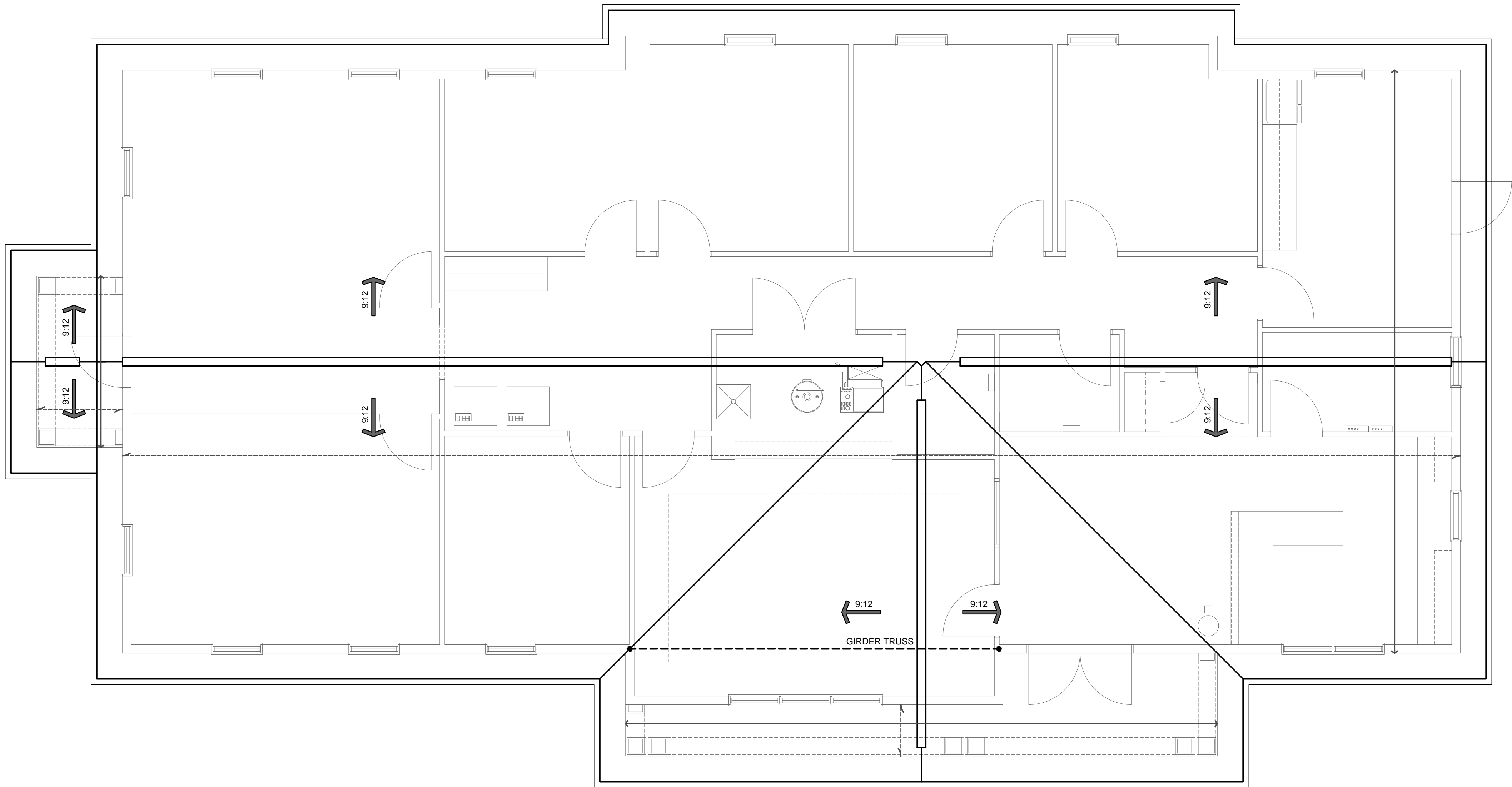
ELITE
LAND TITLE

SBA
STUDIOS
ARCHITECTURAL DESIGN
614.562.7761 WWW.SBA-STUDIOS.COM

PRELIMINARY FOR CONSTRUCTION

SCOTT B. BAKER
ARCHITECT
#14654

SCALE: 1/4" = 1'-0"
SHEET # / DESCRIPTION
FLOOR PLAN
A1-1
DATE: 02.23.2015
PRELIMINARY
SCOTT B. BAKER, LICENSE #14654 EXPIRATION DATE 12/31/2015
SBA STUDIOS PROJECT # 2014-391

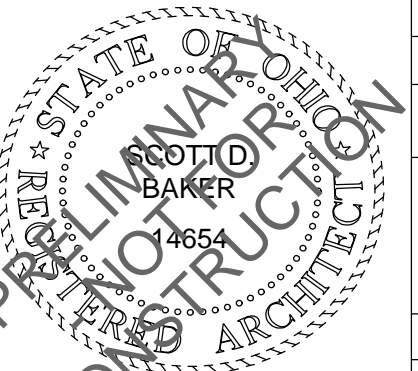


#	DATE	ISSUED WITH: CHANGE DESCRIPTION

ELITE LAND TITLE
NEW OFFICES

ELITE
LAND TITLE

SBA
STUDIOS
ARCHITECTURAL DESIGN
614.562.7761 WWW.SBA-STUDIOS.COM



SCALE: 1/4" = 1'-0"

SHEET # / DESCRIPTION

ROOF PLAN

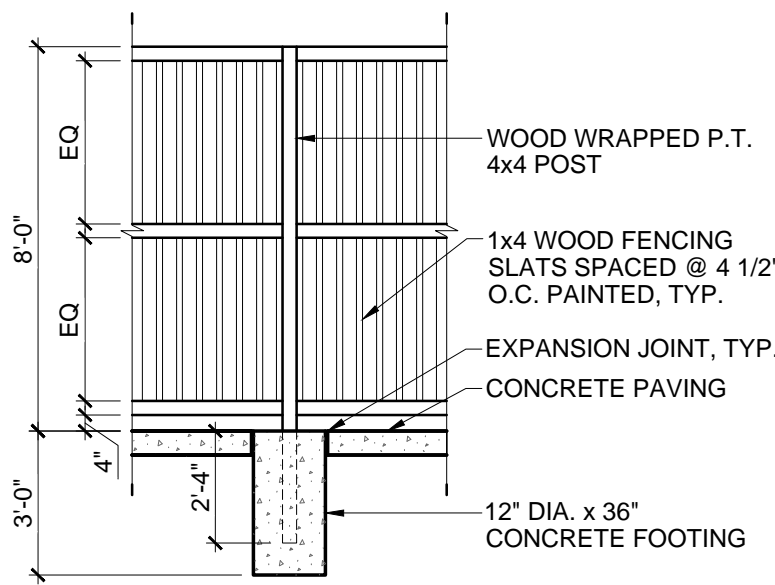
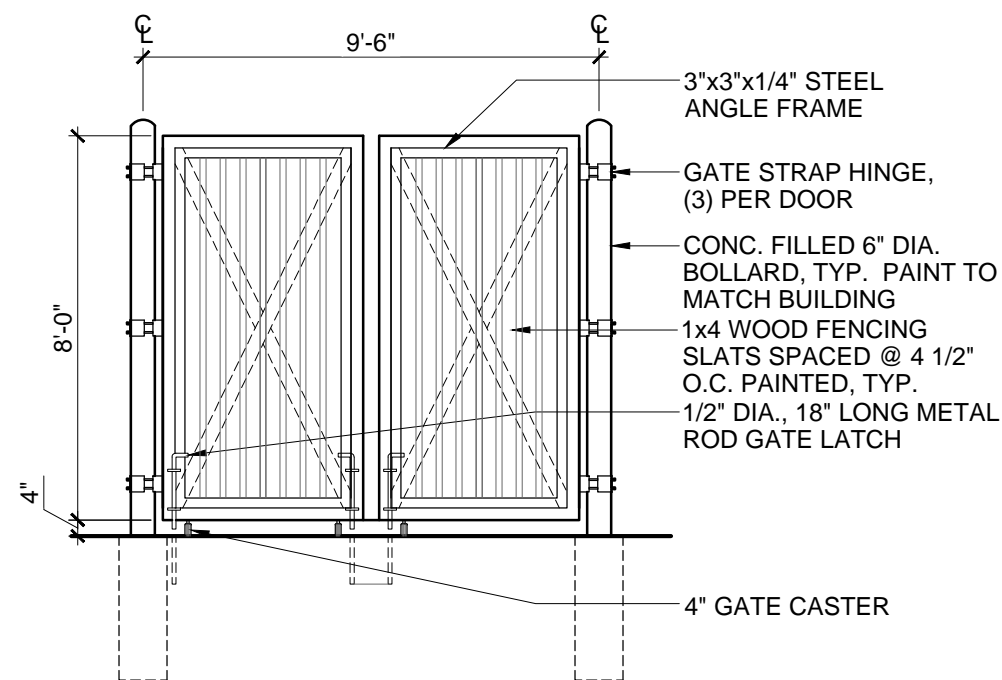
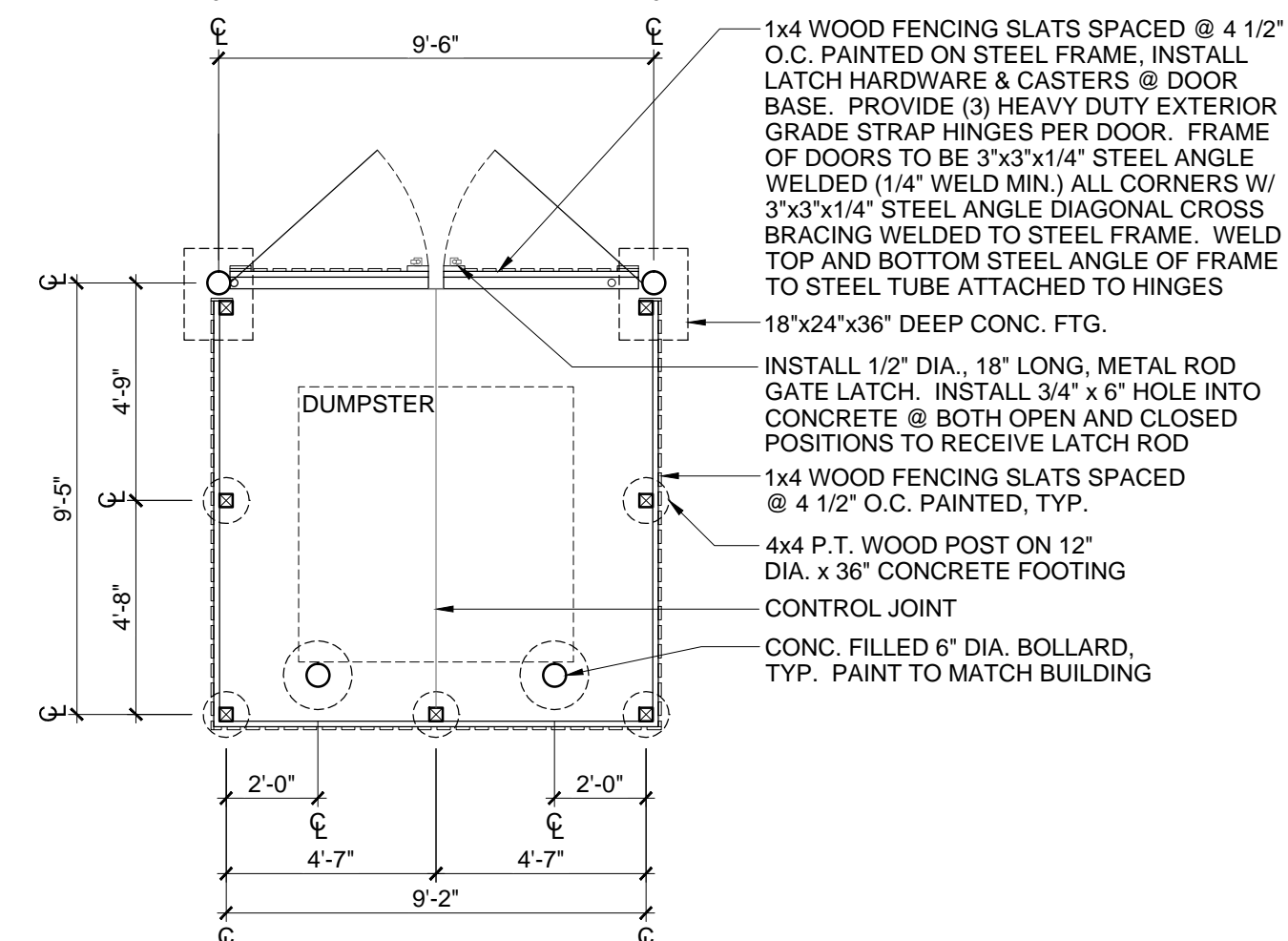
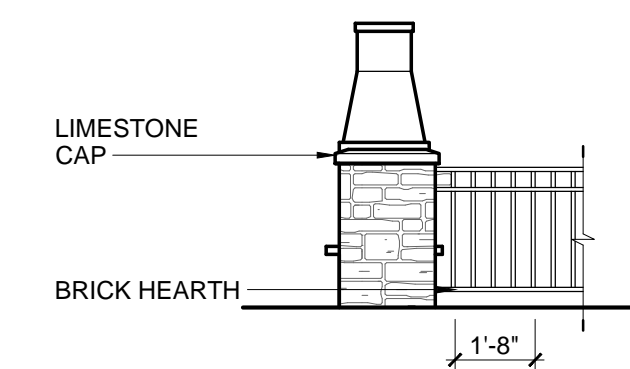
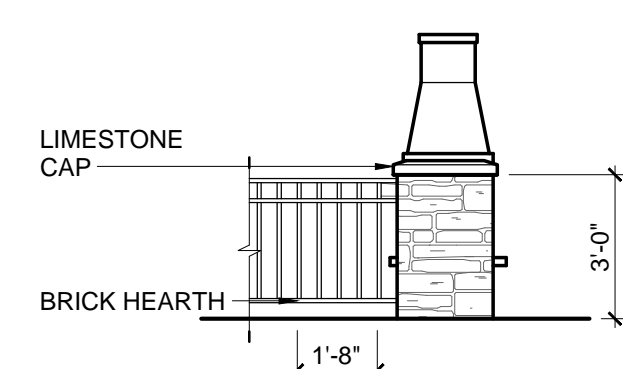
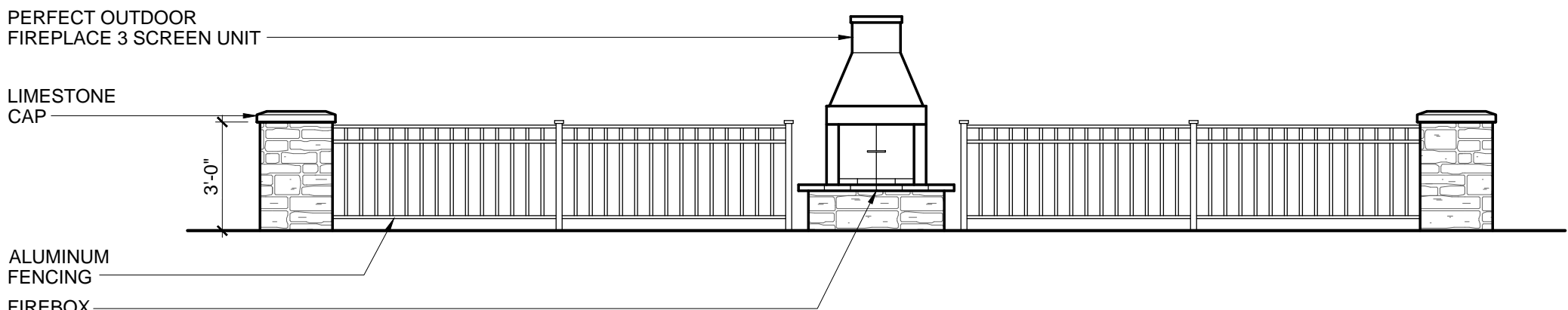
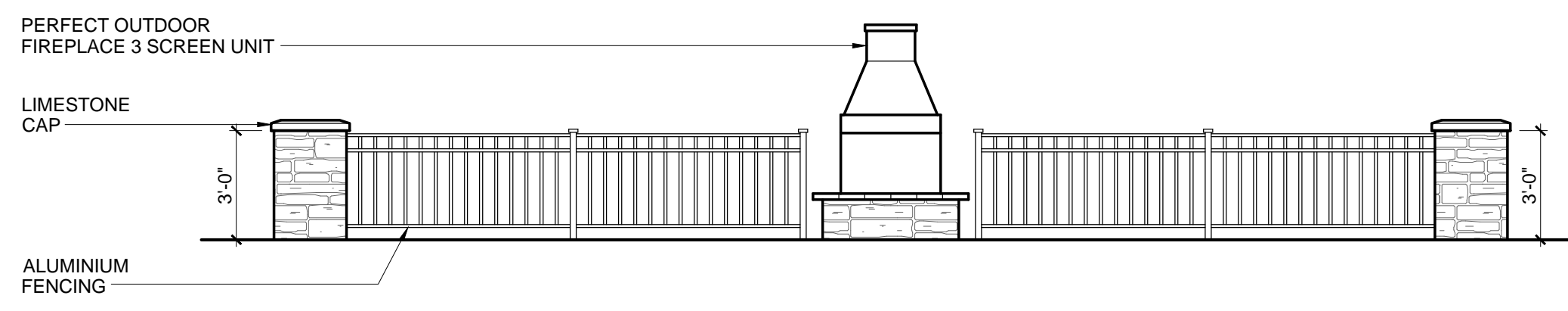
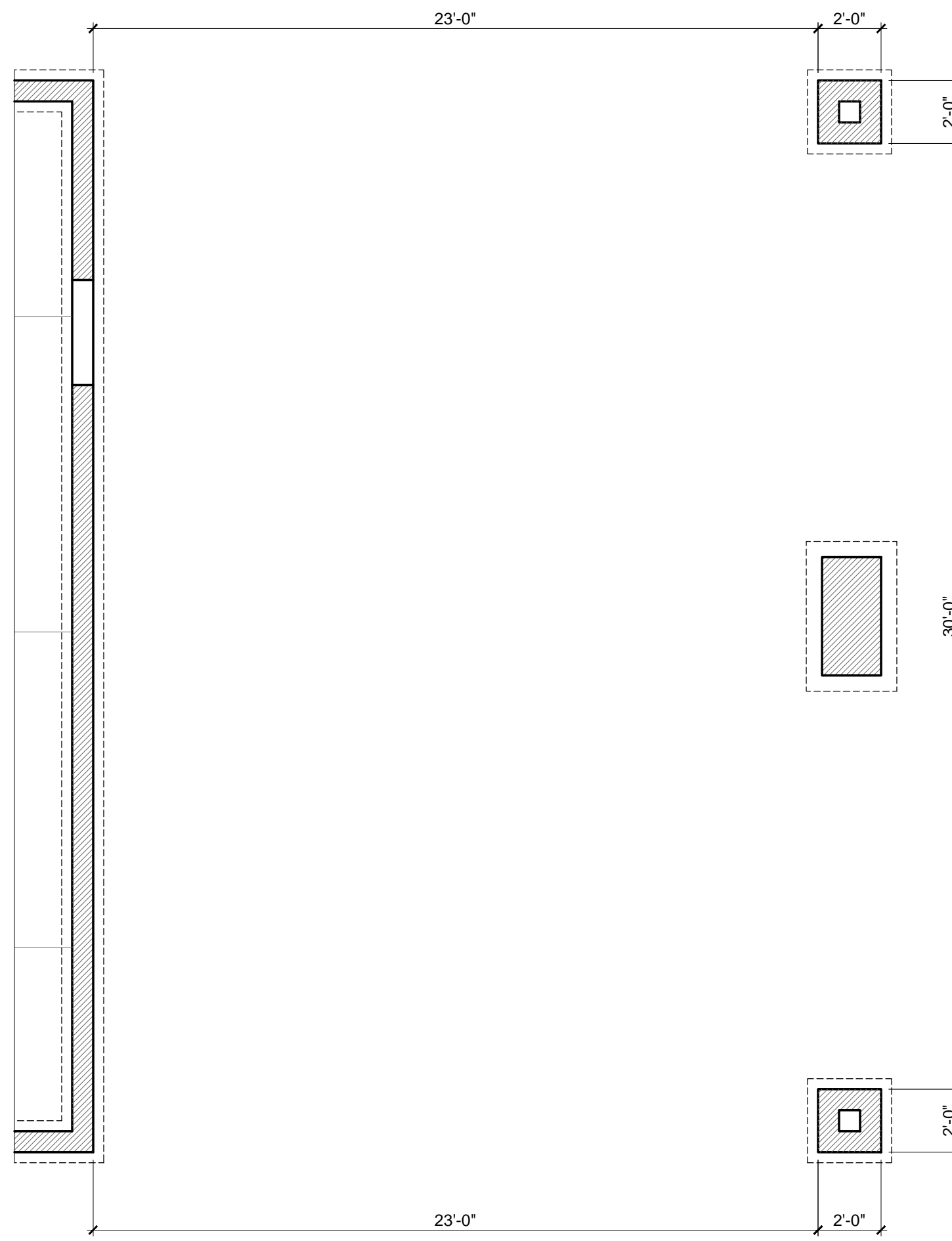
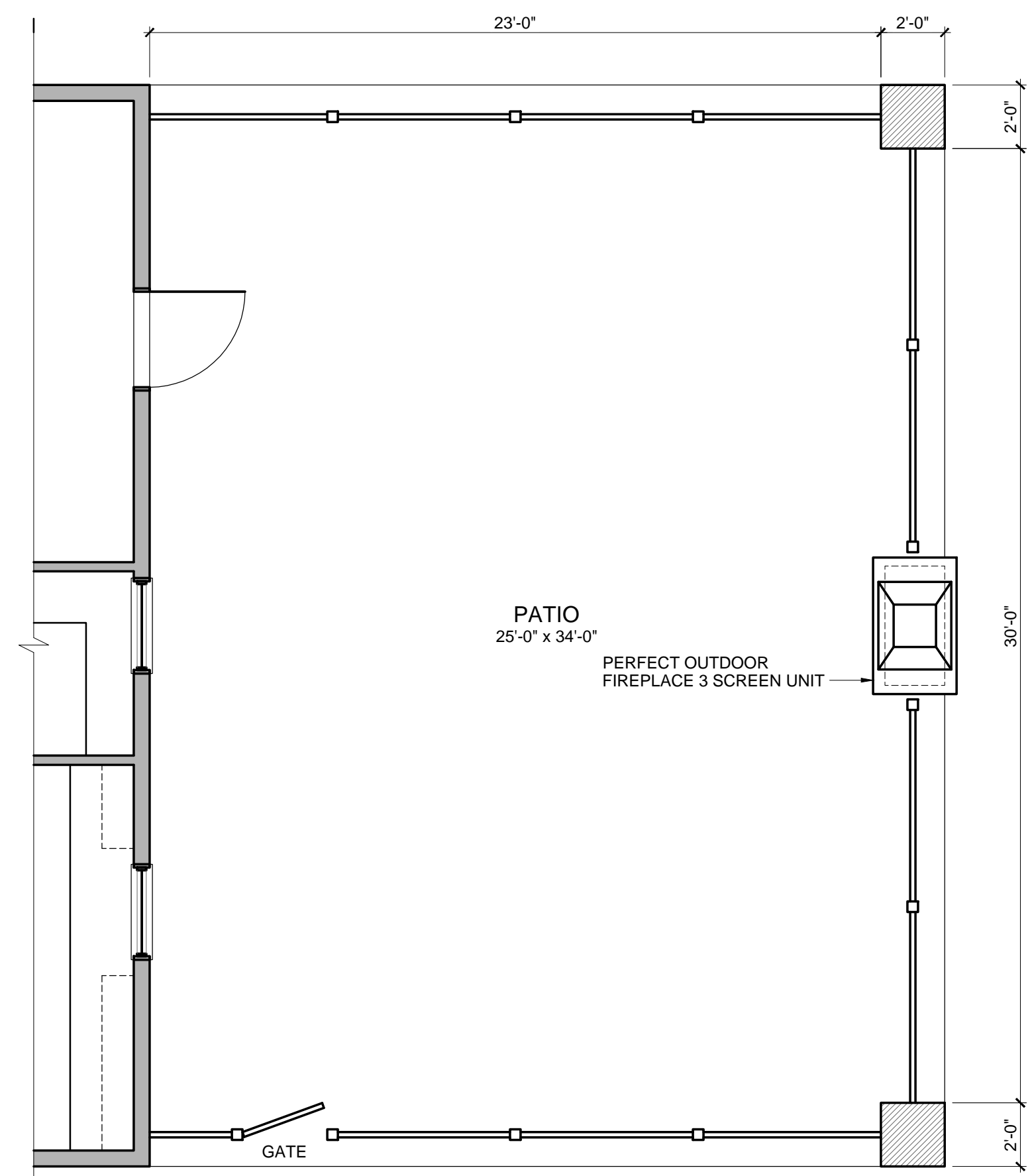
A1-2

DATE: 02.23.2015

PRELIMINARY

SCOTT B. BAKER, LICENSE #14654
EXPIRATION DATE 12/31/2015

SBA STUDIOS PROJECT # 2014-391

									
10	DUMPSTER POST FDN.	9	DUMPSTER SCREENING ELEV.	6	DUMPSTER SCREENING PLAN	5	SOUTH ELEVATION	4	NORTH ELEVATION
									
8	EAST ELEVATION	3							
									
7	FOUNDATION PLAN	1							
					PATIO & FIREPLACE PLAN VIEW				

FLOOR PLAN NOTES

1. ALL DOORS SHALL BE 6" FROM ADJACENT WALL OR CENTERED IN WALL UNLESS NOTED OTHERWISE.
2. ALL INTERIOR STUD WALLS TO BE 2x4 STUDS @ 16" O.C. UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO INTERIOR WALLS ARE TO FACE OF STUD. ALL DIMENSIONS TO OUTSIDE FACE OF EXTERIOR WALLS ARE TO FACE OF SHEATHING. ALL DIMENSIONS TO INSIDE FACE OF EXTERIOR WALL ARE TO FACE OF STUD.
4. A READILY ACCESSIBLE ATTIC ACCESS FRAMED OPENING, NOT LESS THAN 22"x30", SHALL BE PROVIDED TO ANY ATTIC AREA HAVING A CLEAR HEIGHT OVER 30".
5. STUDS SHALL BE ONE PIECE FULL HEIGHT. PROVIDE A MINIMUM OF (2) STUDS AT EACH SIDE OF ALL OPENINGS (1) KING STUD & (1) JACK STUD.
6. ALL BEDROOM WINDOWS SHALL MEET CODE REQUIREMENTS FOR EGRESS. EGRESS CLEAR OPENINGS ON GRADE FLOOR SHALL BE A MINIMUM OF 5.0 SQUARE FEET. EGRESS CLEAR OPENINGS ON ALL OTHER FLOORS SHALL BE A MINIMUM OF 5.7 SQUARE FEET.
7. EGRESS WINDOWS TO HAVE A MINIMUM CLEAR HEIGHT OF 24" AND A MINIMUM CLEAR OPENING WIDTH OF 20". SILL HEIGHT SHALL NOT EXCEED 44" ABOVE THE FINISH FLOOR.
8. ALL ANGLED WALLS ARE 45 DEGREES U.N.O.
9. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
10. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT IN WRITING FOR JUSTIFICATION AND / OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.
11. ALL DIMENSIONS SHALL BE READ OR CALCULATED AND NEVER SCALED.
12. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.
13. ALL WOOD IN LOCATIONS SUBJECT TO TERMITE DECAY SHALL BE PRESSURE TREATED (CCA) OR BE OF AN APPROVED DECAY RESISTANT SPECIES. THIS INCLUDES, BUT NOT LIMITED TO, ALL EXTERIOR DECKS, SILLS AND SLEEPERS ON CONCRETE, MASONRY, OR IN DIRECT CONTACT WITH THE GROUND.

#	DATE	ISSUED WITH: CHANGE DESCRIPTION

ELITE LAND TITLE
NEW OFFICES

 ELITE
LAND TITLE

 SBA
STUDIOS
ARCHITECTURAL DESIGN
614.562.7761 WWW.SBA-STUDIOS.COM

SCALE: 1/4" = 1'-0"

SHEET # / DESCRIPTION

OPTIONAL PATIO

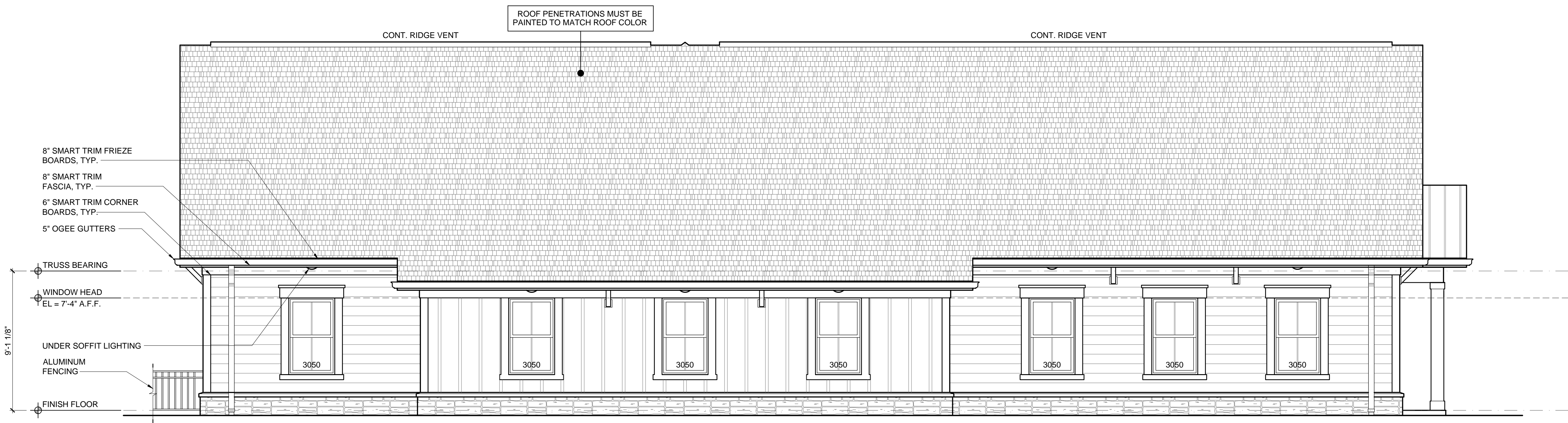
A1-3

DATE: 02.23.2015

PRELIMINARY

SCOTT B. BAKER, LICENSE #14654
EXPIRATION DATE 12/31/2015

SBA STUDIOS PROJECT # 2014-391

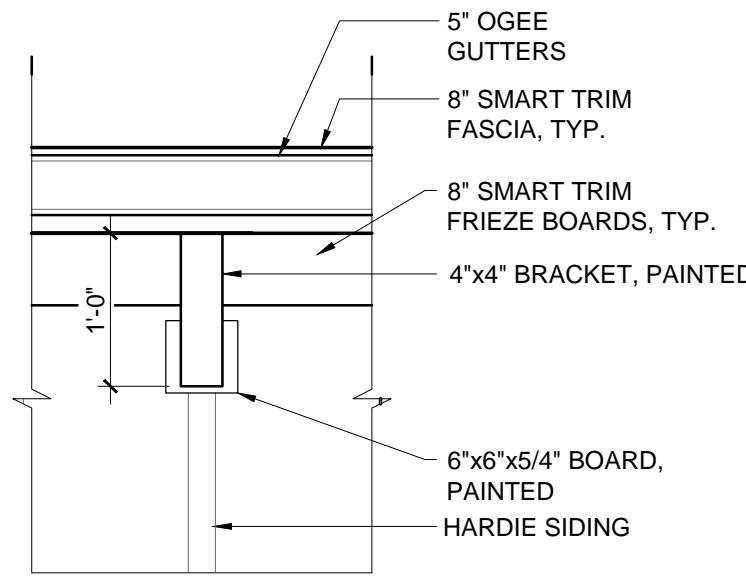


2 SOUTH ELEVATION

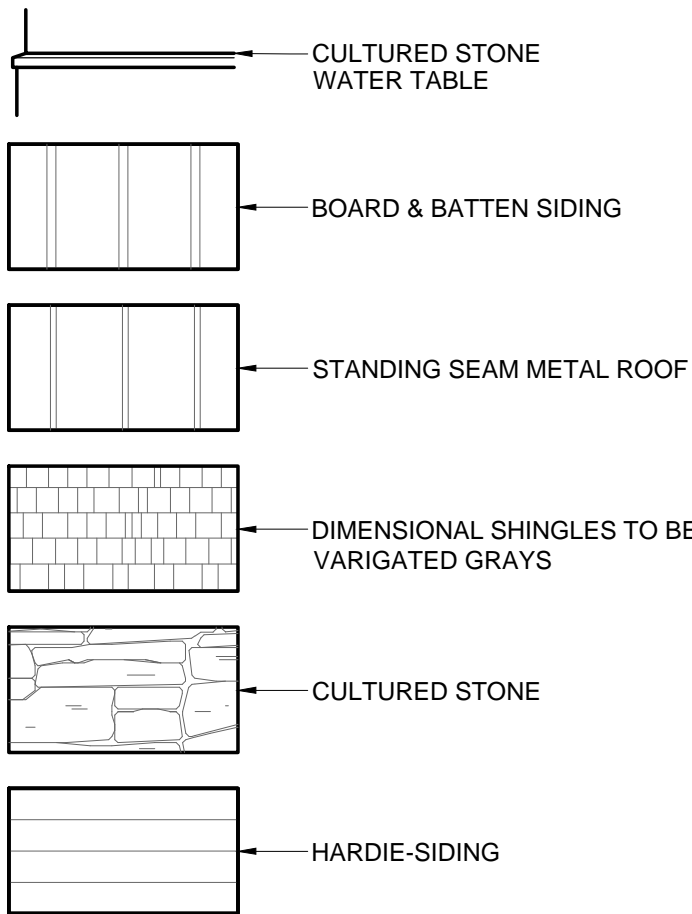


1 NORTH ELEVATION

TYPICAL BRACKET DETAIL



ELEVATION MATERIAL LEGEND



#	DATE	ISSUED WITH: CHANGE DESCRIPTION

ELITE LAND TITLE
NEW OFFICES

ELITE
LAND TITLE

SBA
STUDIOS
ARCHITECTURAL DESIGN
614.562.7761 WWW.SBA-STUDIOS.COM

SCALE: 1/4" = 1'-0"
SHEET # / DESCRIPTION
EXTERIOR ELEVATIONS

A2-1

DATE: 02.23.2015
PRELIMINARY
SCOTT B. BAKER, LICENSE #14654
EXPIRATION DATE 12/31/2015
SBA STUDIOS PROJECT # 2014-391

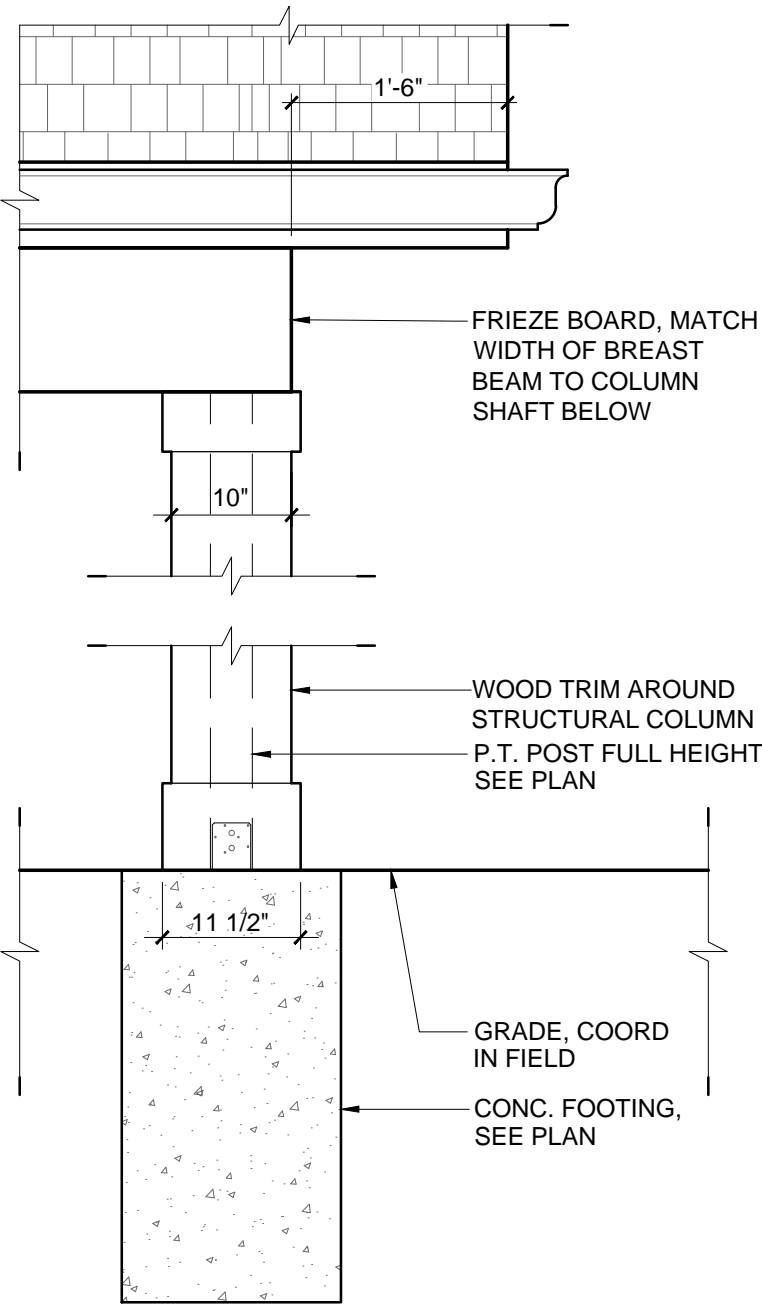


2 WEST ELEVATION

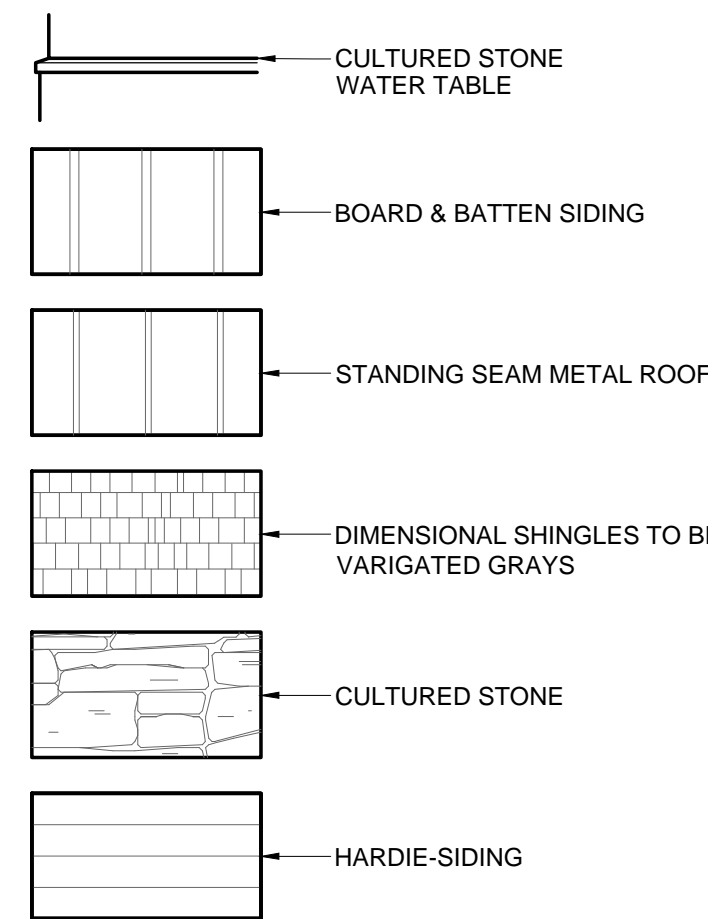


1 EAST ELEVATION

TYPICAL COLUMN DETAIL



ELEVATION MATERIAL LEGEND



#	DATE	ISSUED WITH: CHANGE DESCRIPTION

ELITE LAND TITLE
NEW OFFICES

ELITE
LAND TITLE

SBA
STUDIOS
ARCHITECTURAL DESIGN
614.562.7761 WWW.SBA-STUDIOS.COM

SCALE: 1/4" = 1'-0"
SHEET # / DESCRIPTION
EXTERIOR ELEVATIONS
A2-2
DATE: 02.23.2015
PRELIMINARY
SCOTT B. BAKER, LICENSE #14654
EXPIRATION DATE 12/31/2015
SBA STUDIOS PROJECT # 2014-391



Beautiful. Durable. Workable.

LP® SmartSide® Trim & Siding products offer all the warmth and beauty of traditional wood, along with all the advantages of LP engineered wood. Our advanced technology actually improves upon nature, creating products that are far more durable and consistent than traditional wood materials. Free of knots and common defects, LP SmartSide products resist twisting, warping, cupping and shrinking. They work and cut just like traditional wood, taking nails and screws with ease—with no special tools required. And they're backed by an industry-leading 5/50 Year Limited Warranty.

Extra Protection, Through And Through

In addition to their impressive consistency and outstanding workability, LP® SmartSide® Trim & Siding products offer the remarkable protection of our proprietary SmartGuard® manufacturing process. Every step of the SmartGuard process is designed to create the most durable product possible. That includes the application of zinc borate throughout the substrate to create materials that resist both fungal decay and termite damage. LP SmartSide products are also pre-primed at the factory. This adds another layer of moisture protection while ensuring that on-site paint application is fast and easy.

Tested Tough

We do more than just use the SmartGuard® manufacturing process, we put our products through brutal testing in the relentless tropical environment of Hilo, Hawaii. Hawaii is the perfect place to confirm that LP SmartSide products stand up to moisture, fungal decay and hungry termites.



Great Product, Great Warranty

We back LP® SmartSide® products with one of the absolute best warranties in the market. A 5/50-Year Limited Warranty that provides a 5-year, 100% labor and replacement feature and a 50-Year Pro-rated Limited Warranty on the product. That's peace of mind protection for you and your customers for decades to come. And it applies to every LP SmartSide Trim & Siding product we make! Visit us online at LPCorp.com/SmartSide for complete warranty details.



Please visit LPBuildSmart.com for information on the LP BuildSmart Preferred Remodeler Program

LPCorp.com | BUILD WITH US!

Not all vendors and products are available at each Branch location. Please check with your local Norandex Branch for availability and pricing.



LP

BUILDING PRODUCTS

SMARTSIDE®

TRIM & SIDING

Reversible Trim

Two Premium Looks

- The natural look of cedar on one side and smooth on the other
- Interior or exterior use, including corner boards, windows and doors
- Pre-primed for exceptional paint adhesion
- 16' length results in faster installation
- Available in fiber substrate



TEXTURE	LENGTH	ACTUAL WIDTH	ACTUAL THICKNESS
REVERSIBLE	16 FT. (192 IN.)(4877 MM)	3.50 IN. (89 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	4.50 IN. (114 MM)	0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	5.50 IN. (140 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	7.21 IN. (183 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	9.21 IN. (234 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	11.21 IN. (285 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)

* Cedar Trim

- Interior or exterior use, including corner boards, windows and doors
- Narrow widths save cutting time with no ripped edges to re-prime
- Pre-primed for exceptional paint adhesion
- 16' length results in faster installation
- Available in strand substrate



TEXTURE	LENGTH	ACTUAL WIDTH	ACTUAL THICKNESS
CEDAR	16 FT. (192 IN.)(4877 MM)	1.5 IN. (38 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	2.5 IN. (64 MM)	0.530 IN. (13 MM), 0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	16 FT. (192 IN.)(4877 MM)	3.5 IN. (89 MM)	0.530 IN. (13 MM), 0.625 IN. (16 MM), 0.910 IN. (23 MM) OR 1.375 IN. (35 MM)
	16 FT. (192 IN.)(4877 MM)	5.5 IN. (140 MM)	0.530 IN. (13 MM), 0.625 IN. (16 MM), 0.910 IN. (23 MM) OR 1.375 IN. (35 MM)
	16 FT. (192 IN.)(4877 MM)	11.21 IN. (285 MM)	0.625 IN. (16 MM), 0.910 IN. (23 MM) OR 1.375 IN. (35 MM)
	20 FT. (240 IN.)(6096 MM)	3.5 IN. (89 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	20 FT. (240 IN.)(6096 MM)	5.5 IN. (140 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	20 FT. (240 IN.)(6096 MM)	7.21 IN. (183 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	20 FT. (240 IN.)(6096 MM)	9.21 IN. (234 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)
	20 FT. (240 IN.)(6096 MM)	11.21 IN. (285 MM)	0.625 IN. (16 MM) OR 0.910 IN. (23 MM)

** additional sizes may be available through special order with required minimum quantity and lead times.



Norandex.com

Not all vendors and products are available at each Branch location.
Please check with your local Norandex Branch for availability and pricing.

LP

BUILDING PRODUCTS

SMARTSIDE®

TRIM & SIDING

Cedar Shakes

The Luxurious Look Of Real Cedar Shakes

- The look of real cedar with easy installation and less maintenance over time
- Staggered edges offer a lively, textured effect
- Available in fiber substrate and as part of Architectural Collection

TEXTURE	LENGTH	ACTUAL WIDTH	ACTUAL THICKNESS
TEXTURED	47.94 in. (1218 mm)	11.69 in. (297 mm)	0.375 in. (10 mm)



* Lap

The Natural Look Of Cedar Without The Cost

- One of the most durable lap siding options in the market today
- 16' length results in faster installation
- Pre-primed for exceptional paint adhesion
- Available in strand substrate and as part of Precision Series

TEXTURE	LENGTH	ACTUAL WIDTH	ACTUAL THICKNESS
CEDAR	16 FT. (192 IN.)(4877 MM)	5.84 in. (148 mm)	0.315 in. (8 mm) OR 0.375 in. (10 mm)
	16 FT. (192 IN.)(4877 MM)	7.84 in. (199 mm)	0.315 in. (8 mm) OR 0.375 in. (10 mm)
	16 FT. (192 IN.)(4877 MM)	11.84 in. (301 mm)	0.315 in. (8 mm) OR 0.375 in. (10 mm)
SMARTLOCK CEDAR	16 FT. (192 IN.)(4877 MM)	7.84 in. (199 mm)	0.375 in. (10 mm)



* Vented Soffit

Engineered To Cut Out Problems

- The ideal alternative to MDO, plywood, vinyl or hand-installed metal vents
- The natural look of cedar
- Exceeds ventilation requirements of most building codes
- Eliminates time spent ripping full sheets
- Available in strand substrate and as part of Architectural Collection

TEXTURE	LENGTH	ACTUAL WIDTH	ACTUAL THICKNESS
CEDAR	16 FT. (192 IN.)(4877 MM)	11.94 in. (303 mm)	0.315 in. (8 mm)
	16 FT. (192 IN.)(4877 MM)	15.94 in. (405 mm)	0.315 in. (8 mm)
	16 FT. (192 IN.)(4877 MM)	23.94 in. (608 mm)	0.315 in. (8 mm)



** additional sizes may be available through special order with required minimum quantity and lead times.



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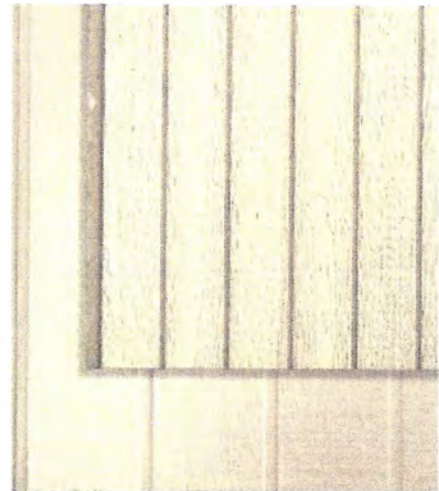
Norandex.com



Panel

A Panel So Strong It's Rated For Structural Use By The Engineered Wood Association

- Shiplap edge with advanced bead system for easier alignment
- Pre-primed for exceptional paint adhesion
- Significantly lighter than comparable fiber cement panel
- Eliminates need for additional bracing on load-bearing walls
- Ideal exterior for homes in areas of high winds or seismic activity
- Available in strand substrate as part of Precision Series



TEXTURE	LENGTH	GROOVE	GROOVE WIDTH	ACTUAL WIDTH	ACTUAL THICKNESS
CEDAR	8 FT. (96 IN.)(2438 MM)	NO GROOVE	N/A	48.563 IN. (1234 MM)	0.315 IN. (8 MM), 0.375 IN. (10 MM)
	9 FT. (108 IN.)(2743 MM)	NO GROOVE	N/A	48.563 IN. (1234 MM)	0.375 IN. (10 MM)
	10 FT. (120 IN.)(3048 MM)	NO GROOVE	N/A	48.563 IN. (1234 MM)	0.375 IN. (10 MM)
	8 FT. (96 IN.)(2438 MM)	4 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.375 IN. (10 MM)
	9 FT. (108 IN.)(2743 MM)	4 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.375 IN. (10 MM)
	10 FT. (120 IN.)(3048 MM)	4 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.375 IN. (10 MM)
	6 FT. (72 IN.)(1829 MM)	8 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.315 IN. (8 MM)
	7 FT. (84 IN.)(2134 MM)	8 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.315 IN. (8 MM)
	8 FT. (96 IN.)(2438 MM)	8 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.315 IN. (8 MM), 0.375 IN. (10 MM) OR 0.530 IN. (13 MM)
	9 FT. (108 IN.)(2743 MM)	8 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.315 IN. (8 MM), 0.375 IN. (10 MM) OR 0.530 IN. (13 MM)
	10 FT. (120 IN.)(3048 MM)	8 IN. D.C.	3/8 IN. (13 MM)	48.563 IN. (1234 MM)	0.315 IN. (8 MM), 0.375 IN. (10 MM) OR 0.530 IN. (13 MM)

** additional sizes may be available through special order with required minimum quantity and lead times.

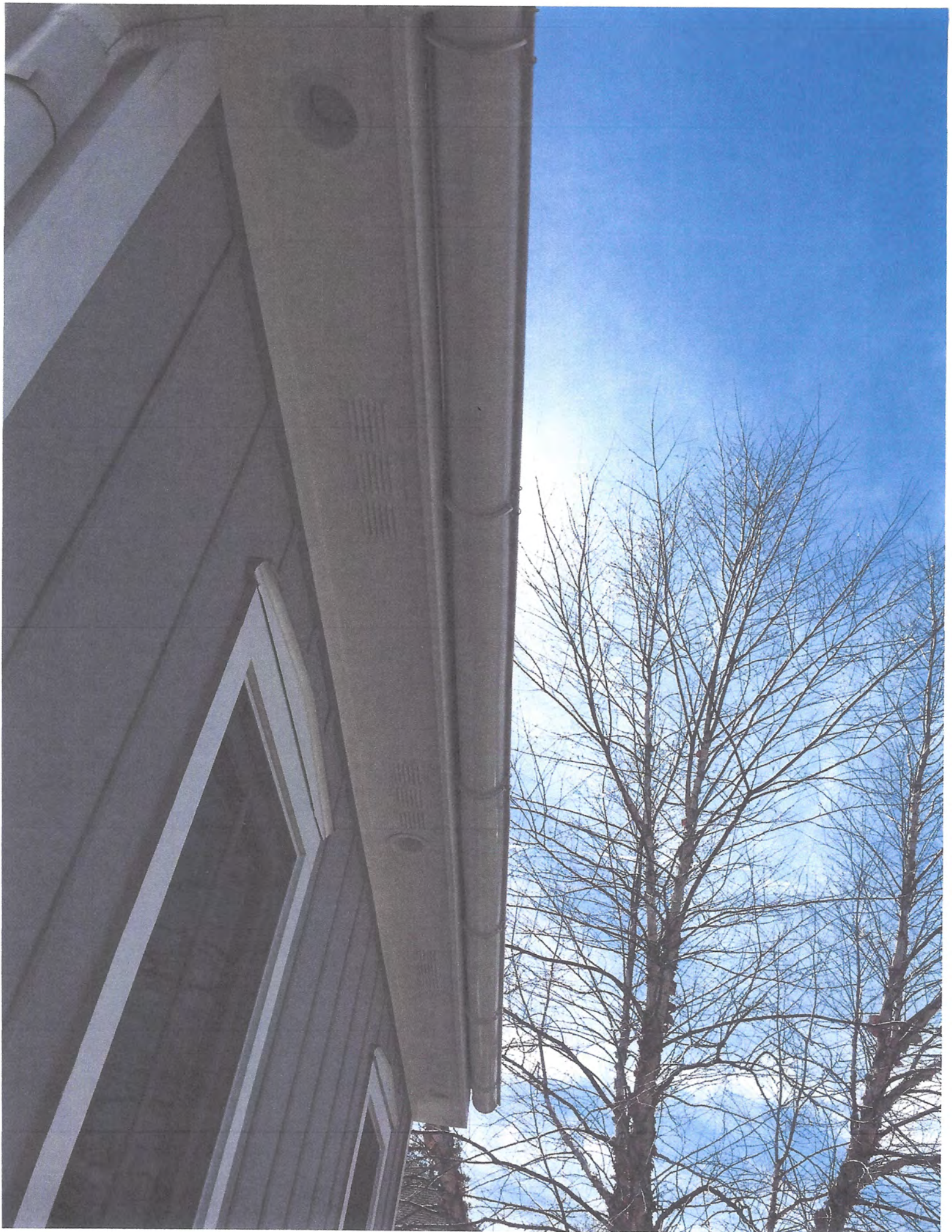


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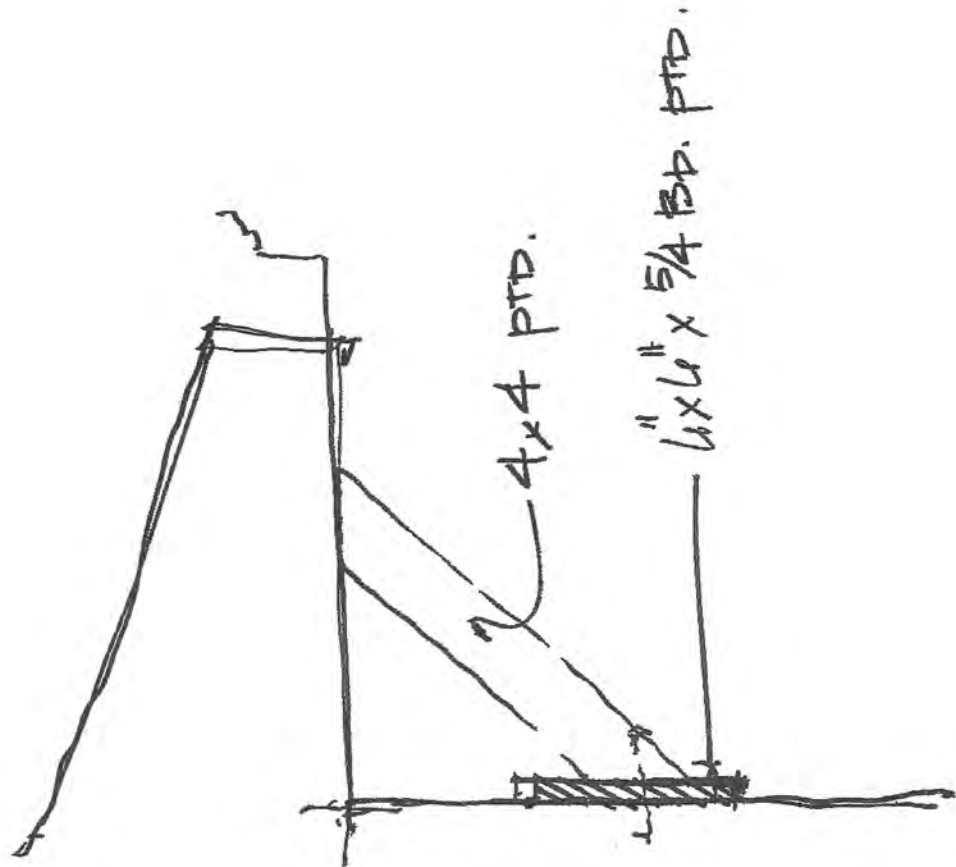
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SCHERNER
&
SYBERT
ATTORNEYS







Brackets will be white
in color.

KAC.

Door Details



Email



Post It

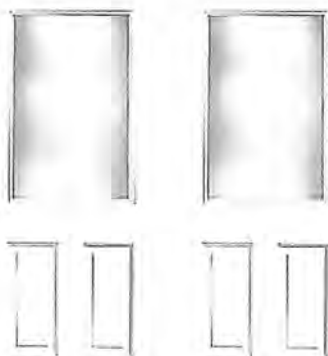


Share



Print

Save My Door



Steel Entry Door Systems: Traditions

About this entry door system

This entry door system is available with different features. The table below breaks down the various product options by size and available features. You should work with an authorized Therma-Tru dealer and/or your builder to determine the best option for your home based on environment and region of the country.

Door

Half Lite 2 Panel Flush Style IDs

Available Sizes

Available Options

TS206

2'6" N x 6'8"

2'8" x 6'8"

2'10" x 6'8"

3'0" x 6'8"



Finish Option: Paintable



Installation
Instructions

Secure your home and family with Therma-Tru's value-priced Traditions steel door.

Our opaque doors without glass come with an available 20-minute fire rating. All doors are available in ready-to-paint decorative designs that come with a tough 24 or 25-gauge smooth steel surface and a polyurethane foam core for durable energy efficiency. Traditions steel doors feature a solid wood lock block for secure mounting of hardware, decorative glass options, and a five-year limited warranty.

You can select from 6'8" or 8' heights to best fit your home's architecture. 20 minute fire-rating is available for 6'8" height doors only.

Where to buy

[Click](#) to locate an authorized Therma-Tru dealer near you.

Clear Glass



Clear Features

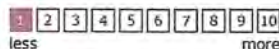
Our insulated clear glass doorlites are tempered and double-paned.

Grille:



Simulated Divided Lites

Privacy Scale Rating *



less

more

*Note: Glass privacy ratings are determined by the 1/2 lite size glass. As a result, the amount of privacy/glass transparency may be more or less than indicated by the privacy rating, based on glass design and the size of the glass that's inserted into the door, sidelite or transom. Glass design may differ from depiction due to size of glass. Please consult your Therma-Tru dealer for more details.

* Front Doors *

Door Details



Email



Post It



Share



Print

Save My Door



Steel Entry Door Systems: Traditions

About this entry door system

This entry door system is available with different features. The table below breaks down the various product options by size and available features. You should work with an authorized Therma-Tru dealer and/or your builder to determine the best option for your home based on environment and region of the country.

Door

Half Lite 2 Panel Flush Style IDs	Available Sizes	Available Options
TS206	2'6" N x 6'8" 2'8" x 6'8" 2'10" x 6'8" 3'0" x 6'8"	

Finish Option: Paintable



Installation
Instructions

Secure your home and family with Therma-Tru's value-priced Traditions steel door.

Our opaque doors without glass come with an available 20-minute fire rating. All doors are available in ready-to-paint decorative designs that come with a tough 24 or 25-gauge smooth steel surface and a polyurethane foam core for durable energy efficiency. Traditions steel doors feature a solid wood lock block for secure mounting of hardware, decorative glass options, and a five-year limited warranty.

You can select from 6'8" or 8' heights to best fit your home's architecture. 20 minute fire-rating is available for 6'8" height doors only.

Where to buy

[Click](#) to locate an authorized Therma-Tru dealer near you.

Clear Glass



Clear Features

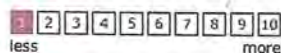
Our insulated clear glass doorlites are tempered and double-paned.

Grille:



Simulated Divided Lites

Privacy Scale Rating *



*Note: Glass privacy ratings are determined by the 1/2 lite size glass. As a result, the amount of privacy/glass transparency may be more or less than indicated by the privacy rating, based on glass design and the size of the glass that's inserted into the door, sidelite or transom. Glass design may differ from depiction due to size of glass. Please consult your Therma-Tru dealer for more details.

* Side Doors *



Where do Georgian architecture and low-maintenance durability meet?

At JELD-WEN, the answer is our Brickmould Vinyl windows and patio doors. We've created each one to deliver the energy efficiency and stability of vinyl, while emulating the look of traditional wood windows and patio doors. Symmetry, decorative trim and double-hung sash windows with divided lites are some window characteristics of traditional Georgian architecture. JELD-WEN® Brickmould Vinyl modernizes the classic look with amenities such as removable and tilt sashes for easy cleaning. What's more, our high-quality vinyl color goes all the way through, so our windows and patio doors will remain beautiful year after year.

Each Brickmould Vinyl window and patio door is backed by an industry-leading lifetime warranty that is transferable for 10 years. We even cover the labor to replace or repair defective products. To view the complete warranty, see page 14.

We've included comprehensive information about JELD-WEN® Brickmould Vinyl windows and patio doors in this catalog. For installation and maintenance instructions, visit www.jeld-wen.com/resources.



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Glass Types.....	6	Sliding Patio Doors.....	13
Awning & Casement Windows	9	Warranty	14
Double-Hung, Single Hung Tilt Sash & Sliding Windows	10		

ALL THE RIGHT DETAILS

Our Brickmould Vinyl windows and patio doors are available with many options. Some of these choices will enhance a home's visual appeal, while others help make installation easier. The features available for each window are shown in the product section, beginning on page 9.

Colors

Brickmould Vinyl windows and patio doors are available in two EverTone™ exterior colors: Chestnut Bronze and Dark Chocolate. These colors complement many popular trim and exterior paint colors. Whichever color you select, know that it will remain vivid and true year after year. Interior color choices are White, Desert Sand and Almond.

EverTone™ Colors*



Standard Vinyl Colors*



EverTone™

*Actual colors may vary from the samples displayed. Some colors may be subject to regional availability.
**Only available with interior.

WEN-Lock®

The WEN-Lock is our exclusive automatic locking system, which is available on our single-hung and sliding windows. It features a slim profile that's easy to engage, as well as a tamper-resistant design. In fact, this lock has passed all ASTM forced-entry resistance tests. It also has a visible latch indicator (VLI) that lets you know if the window is locked. The VLI can only be seen from indoors.

ADA-Compliant WEN-Lock®

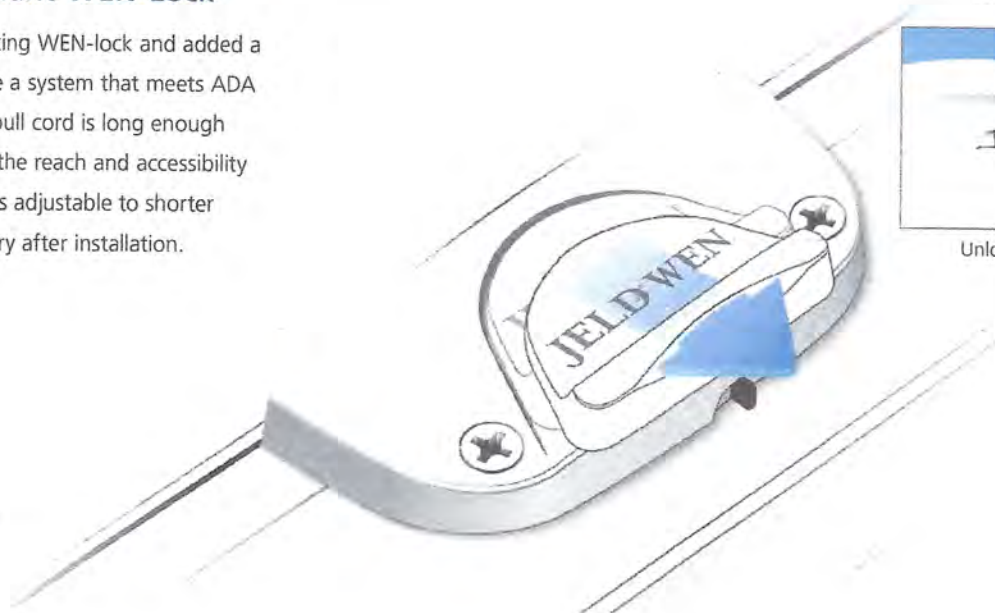
We used our existing WEN-lock and added a pull cord to create a system that meets ADA compliance. The pull cord is long enough to accommodate the reach and accessibility requirement and is adjustable to shorter lengths if necessary after installation.



Locked



Unlocked



A PALETTE OF LIGHT

Low-E and LoE³-366 Insulating Glass

High-performance Low-E insulating glass comes standard and helps lower energy costs, allows homes to stay cooler in the summer and warmer in the winter, prevents fading of interior furnishings, and reduces condensation. It also delivers greater visible light transmittance than tinted glass. We also offer optional LoE³-366, which provides even more protection against heat loss and fading, as well as greater energy savings.

Most JELD-WEN® vinyl windows and patio doors with Low-E glass are ENERGY STAR® qualified. ENERGY STAR products help Americans save energy, save money and reduce their carbon footprints. ENERGY STAR criteria for windows are based on the U-factor and Solar Heat Gain Coefficient (SHGC) combinations that provide significant energy efficiency for a given climate zone. It's easy! Just tell your JELD-WEN dealer you want JELD-WEN windows that are ENERGY STAR qualified for your climate zone.

For more information, visit www.jeld-wen.com/energyefficiency.

In warm weather, Low-E glass reflects the sun's energy and prevents it from entering the home.



In cold weather, Low-E glass reduces the amount of heat lost by reflecting it back inside.

ENERGY STAR®

Many JELD-WEN windows and doors are ENERGY STAR qualified. Homeowners can save energy—and money—by replacing old windows with ENERGY STAR qualified windows and pay a 7-15 percent lower household energy bill. Lower energy consumption also reduces greenhouse gas emissions from power plants and shrinks a house's carbon footprint. JELD-WEN has been an ENERGY STAR partner since 1998.



Tempered Glass

Tempered glass is the result of a heat-treating process, which makes it stronger. After glass has been tempered it will not break into dangerous shards, but into smoother round pieces. Local codes often require tempered glass to be used in all windows that are close to the floor or near doors, bathtubs or showers.

Textured and Tinted Glass

In addition to high-performance glass options, we offer textured and tinted glass to enhance a home's appearance. Our assortment includes the glass types shown here.

Textured



Obscure

Tinted



Gray tinted



Bronze tinted

Neat®

With this glass option you gain natural cleaning convenience. By harnessing the sun's UV rays (even when the sky is cloudy) to loosen dirt from the glass, rainwater can easily rinse away grime. No manual activation is required.



Clear Insulating

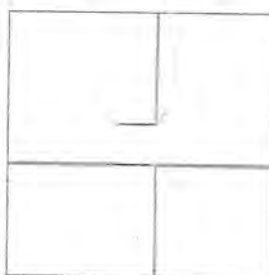
This glass consists of two panes of glass, sealed with an airspace (this is a spacer in between the dual panes of glass), and the perimeter of the unit is sealed. This option offers maximum visible light transmittance while also providing energy efficiency in moderate climates.

Laminated

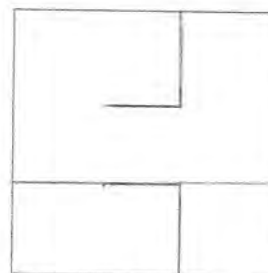
Laminated glass consists of panes of glass with an invisible interlayer, sandwiched together to create an extremely sturdy glass unit. This provides increased protection for home safety and from incidental impact; it also provides an improved barrier against sound and harmful UV rays.

Grilles Between the Glass (GBG)

Add character to any home with our grilles between the glass (GBG). They're an ideal choice because they require no upkeep and will not interfere with window cleaning. Select from 5/8" or 7/8" flat grilles, or 5/8" or 1" contour grilles. These grilles are available in the color that matches the window you choose.*



Contour Grille



Flat Grille

Simulated Divided Lites (SDL)

For a true "paned" window look, our simulated divided lites feature bars that are permanently adhered to both the interior and exterior glass; an optional shadow bar between the panes of glass is also available. Available in 7/8" width only.



Note: All options are subject to regional availability. Contact your local JELD-WEN dealer for more information.

**Check with your JELD-WEN dealer for two tone grid availability.*

DOUBLE-HUNG, SINGLE-HUNG TILT SASH & SLIDING WINDOWS


The double-hung is a traditional window style often associated with Georgian architecture. Each double-hung window features an upper and lower sash that slide vertically past each other in a single frame. Each of our single-hung tilt sash windows includes a fixed top sash and a bottom sash that slides vertically. The tilt sash feature allows for easy cleaning.

Sliding windows are composed of two sashes—one that is fixed and one that slides either left or right on grooves or tracks. The operating sash can be removed to make cleaning a snap.

Standard Features

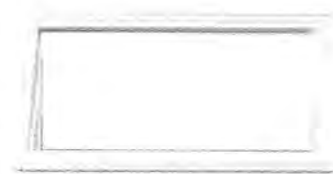
- Color: White
- All frames are assembled utilizing fusion-welded technology for added strength and durability
- Frames incorporate a traditional Brickmould profile with an integral J-channel and nailing fin
- Insulating Low-E glass
- Double-hung tilt sash for easy cleaning
- Style Cam-Lock
- High-quality finpile weatherstrip applied along the full perimeter of the operating sash
- Fiberglass charcoal-color insect screen in aluminum frame to match the color of the unit*
- Double-hung jamb depth is 3-5/8"
- Single-hung and sliding Jamb depth is 2-29/32"
- DP 20 rating

Optional Features

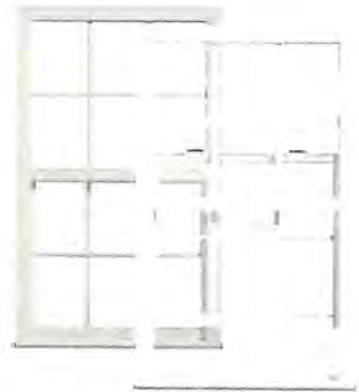
- Color: Desert Sand or Almond
- EverTone™ colors: Chestnut Bronze and Dark Chocolate
- Simulated divided lites (SDL) available in 7/8" profile
- Grilles between the glass (GBG) with 5/8" or 7/8" flat or 1" contour grilles
- Insulating glass available in clear, LoE³-366, tinted, textured, laminated or Neat® (subject to regional availability)
- All glass is available tempered
- DP 50 rating**
- Secondary stops for nighttime ventilation
-  ADA-Compliant option also available

**Insect screens are intended to allow air and light in while keeping insects out. They are not intended to stop children from falling through an open window. For safety screens or other security devices, contact your local building supply retailer.*

***Depending on size and configuration, these products may qualify at a higher DP rating. Check with your supplier for more information.*



Double-hung window exterior, shown in White



Single-Hung tilt sash exterior, shown in White and Desert Sand



Sliding window exterior, shown in Desert Sand



Manufacturer's Data

Section 04730
Simulated Stone
Part 1 General
1.01 Summary

Specifier Note: Revise paragraphs below to suit project requirements.

- A. Section Includes: Lightweight concrete simulated stone units for decorative use.
- B. Related Sections:

Specifier Note: A water repellent is recommended for exterior units; delete below if not specified.

1. Division 7 Section: Water Repellents.
2. Division 7 Section: Flashing.
3. Division 7 Section: Joint Sealers.

Specifier Note: Article below may be omitted when specifying manufacturer's proprietary products and recommended installation. Retain Reference Article when specifying products and installation by an industry reference standard. If retained, list standard(s) referenced in this section. Indicate issuing authority name, acronym, standard designation and title. Establish policy for indicating edition date of standard referenced. Conditions of the Contract or Division 1 References Section may establish the edition date of standards. This article does not require compliance with standard, but is merely a listing of references used. Article below should list only those industry standards referenced in this section.

1.02 REFERENCES

A. ASTM International:

1. ASTM C39 Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens.
2. ASTM C91 Standard Specification for Masonry Cement.
3. ASTM C177 Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus.
4. ASTM C847 Standard Specification for Metal Lath.
5. ASTM C897 Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters.
6. ASTM D226 Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.
7. ASTM E662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

B. National Fire Protection Association (NFPA):

1. NFPA 258 Standard Research Test Method for Determining Smoke Generation of Solid Materials.

C. National Association of Architectural Metal Manufacturers (NAAMM):

1. NAAMM Standard ML/SFA 920 .Guide Specifications for Metal Lathing and Furring.

1.03 SYSTEM DESCRIPTION

A. Performance Requirements:

1. Absorption (ASTM C39): Not more than 12.5%.
2. Compressive Strength (ASTM C39): Not less than 3000 psi (23,426 kPa).
3. Splitting Tensile Strength (ASTM C39): Not less than 305 psi (2101 kPa).
4. R-value (ASTM C177): Not less than 0.75.
5. Fire Performance:
 - a. Flamespread (NFPA 258 or ASTM E662): 0.
 - b. Smoke Density (NFPA 258 or ASTM E662): 0.

Specifier Note: Article below includes submittal of relevant data to be furnished by Contractor before, during or after construction. Coordinate this article with Architect's and Contractor's duties and responsibilities in Conditions of the Contract and Division 1 Submittal Procedures Section.

1.04 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit product data, including manufacturer's SPECIFICATION DATA sheet, for specified products.

Specifier Note: Article below should include prerequisites, standards, limitations and criteria that establish an overall level of quality for products and workmanship for this section. Coordinate article below with Division 1 Quality Assurance Section.

- C. Samples: Submit selection and verification samples of finishes, colors and textures.

1.05 QUALITY ASSURANCE

Specifier Note: Paragraph below should list obligations for compliance with specific code requirements particular to this section. General statements to comply with a particular code are typically addressed in Conditions of the Contract and Division 1 Regulatory Requirements Section. Repetitive statements should be avoided.

- A. Regulatory Requirements and Approvals: [Specify applicable requirements of regulatory agencies].
 1. [Code agency name].
 - a. [Report or approval number].

Specifier Note: Article below should include special and unique requirements. Coordinate article below with Division 1 Product Requirements Section.

1.06 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Division 1 Product Requirements Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

PART 2 PRODUCTS

Specifier Note: Retain article below for proprietary method specification. Add product attributes, performance characteristics, material standards and descriptions as applicable. Use of such phrases as .or equal. or .or approved equal. or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural, legal and regulatory) and assignment of responsibility for determining .or equal products.

2.01 SIMULATED STONE

Specifier Note: Paragraph below is an addition to CSI Section Format and a supplement to MANU-SPEC. Retain or delete paragraph below per project requirements and specifier's practice.

- A. Manufacturer: Dutch Quality Stone, 18012 Dover Road, Mt. Eaton, OH 44659;
Telephone: (877) 359-7866, (330) 359-7866; Fax: (330) 359-5990;
E-mail: info@dutchqualitystone.com; website: www.dutchqualitystone.com.

Specifier Note: Edit Paragraph below to suit project requirements. If substitutions are permitted, edit text below. Add text to refer to Division 1 Project Requirements (Product Substitutions Procedures) Section.

- B. Substitutions: No substitutions permitted.

Specifier Note: Paragraphs below list proprietary simulated stone products offered by Dutch Quality Stone. Select products appropriate to project. Consult manufacturer regarding product options. Select product characteristics required; delete characteristics not required. Refer to manufacturer's SPEC-DATA product sheet.

2.02 MANUFACTURED UNITS

- A. Weather Ledge: [Cypress] [Grey] [Natural Blend] [Prestige] [Pennsylvania] [Sagewood] [Sienna] [Tan] [Torino] [Ashen].
B. Ledge: [Pennsylvania] [Prestige] [Natural Blend] [Cypress] [Sagewood] [Sienna].
C. Stack Ledge: [Sienna] [Sagewood] [Torino] [Tan] [Autumn Blend].
D. Limestone: [Cypress] [Great Lakes] [Ohio Tan] [Columbus Blend] [Ohio White Vein] [Charcoal] [Autumn Blend] [Pennsylvania] [Kentucky Blend].
E. Cobbled Limestone: [Cypress] [Sienna].
F. Fieldstone: [Grey] [Kentucky] [Tan] [Top Rock] [Pennsylvania] [Cypress] [Sagewood] [Sienna] [Torino] [Ashen].
G. River Rock: [Buckeye] [Kentucky] [Michigan].
H. Dry Stack: [Cypress] [Pennsylvania] [Prestige] [Sienna] [Ashen].
I. Castle Stone: [Cypress] [Sienna] [Torino] [Sagewood].

Specifier Note: Product below is available in one color only

- J. Bric-Stone: [Antique]
K. Michigan Split Granite

2.03 ACCESSORIES

A. Trim Pieces:

[Hearthstone, 19 inches x 20 inches]
[Jack Arch Wings]
[Bullnose Window Base]
[90° Jumper Corner]
[Foundation Coping, 4 inches x 35 1/2 inches (102 x 902 mm)]
[135 Corners]
[Watertable Sill]
[Chiseled Edge Keystone, 9 inches x 6 inches x 8 inches (229 x 152 x 203 mm)]
[Chiseled Edge Keystone, 12 inches x 7 inches x 11 inches (305 x 178 x 279 mm)]
[Curved Sill]
[Brick Keystone, 10 inches x 7 inches x 10 inches (254 x 178 x 254 mm)]
[Brick Keystone, 12 inches x 8 inches x 12 inches (305 x 203 x 305 mm)]
[Rowlocks, 4 inches x 5 inches (102 x 127 mm)]
[Rowlocks, 5 inches x 7 inches (127 x 178 mm)]
[Concave Window Trim] [Flat Window Trim] [Trim Stone]
[Concave Window Trim Corners]
[Quoin Corner, 8 inches x 8 inches x 12 inches (203 x 203 x 305 mm)]
[Quoin Flats, 8 inches x 11 1/2 inches (203 x 292 mm)]
[Quoin Flats, 8 inches x 23 1/2 inches (203 x 597 mm)]
[Water Hydrant Block]
[Receptacle Block]
[Light Block]
[Jumper Flats]
[Pier Cap, 22 inches x 22 inches (559 x 559 mm)]
[Pier Cap, 30 inches x 30 inches (762 x 762 mm)]
[Wall Cap, 12 inches x 23 1/2 inches (305 x 597 mm)]
[Wall Cap, 14 inches x 23 1/2 inches (356 x 597 mm)]
[Wall Cap, 16 inches x 23 1/2 inches (406 x 597 mm)]
[Brick Window Sill]
[Full Brick Window Trim]
[Half Brick Window Trim]

Specifier Note: If color(s) are not to match, insert required color(s).

1. Color: [Match field stone.].

B. Moisture Barrier:

1. Bottom Layer: Must meet the requirements of ICC-ES AC 38.

2. Top Layer: Must meet requirements of ASTM D226 for #15 or #30 asphalt saturated felt.

C. Metal Lath: All lath and lath attachments must be made of corrosion resistant material.

Self-furred 2.5 lb. metal lath meeting ASTM C 847. 3.4 lb., 0.375" rib lath meeting ASTM C 847, for open stud applications (no sheathing). Self-furred 17 or 18 gauge woven wire mesh meeting ASTM C 1032. Use of flat woven wire mesh meeting ASTM C 1032 is also acceptable but must be attached using self-furring fasteners.

D. Fasteners/Attachment Devices: Corrosion Resistant Fasteners (ASTM C1063) that penetrate the stud (min. of 1"). Corrosion resistant, self-tapping screws with a 7/16" head that provides 3/8" minimum penetration beyond the inside metal surface.

E. Mortar Materials:

1. Masonry Cement: ASTM C270, Type N or S.

2. Aggregate: Manufactured or natural sand, ASTM C897.

3. Water: Potable.

2.04 MIXES

- A. Mortar Mix: 1 part Type N or S masonry cement. Should be used to 2.25 parts sand.

PART 3 EXECUTION

Specifier Note: Paragraph below is an addition to CSI Section Format and a supplement to MANU-SPEC. Retain or delete paragraph below per project requirements and specifier's practice.

3.01 MANUFACTURER'S INSTRUCTIONS

- A. Compliance: Comply with manufacturers installation procedures and techniques.

3.02 EXAMINATION

- A. Site Verification of Conditions: Verify that substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

3.03 PREPARATION

- A. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.04 CLEANING

- A. Clean with water and soft nylon brushes only; do not allow mortar to set up on unit surfaces.

3.05 PROTECTION

- A. Protect installed products until completion of project.
- B. Repair or replace damaged products prior to Substantial Completion.

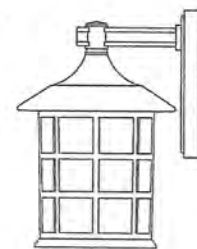
Dutch Quality Stone
18012 Dover Road
Mt. Eaton, OH 44659
Phone: (877) 359-7866
Phone: (330) 359-7866
Fax: (330) 359-5990
E-mail: info@dutchqualitystone.com
www.dutchqualitystone.com



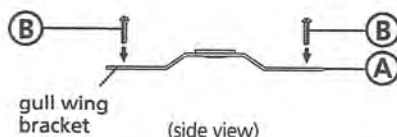
assembly instructions

1800

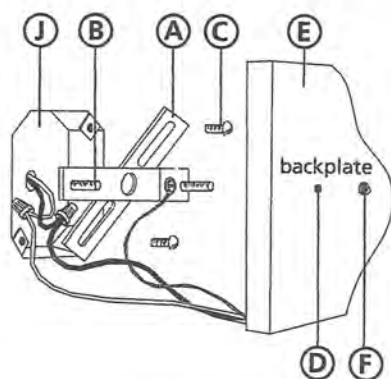
Family: Freeport | Item No. 1800 OZ



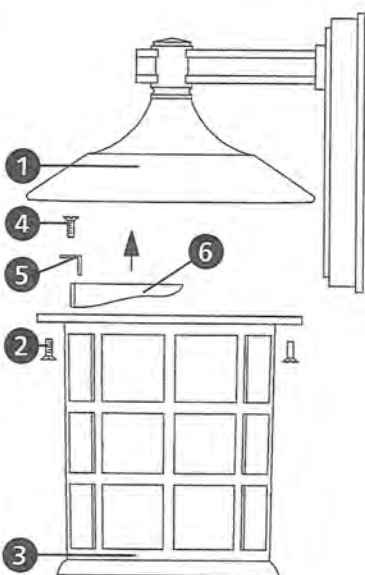
Drawing 1 - Strap Detail



Drawing 2 - Fixture Mounting



Drawing 3 - Fixture Assembly



▼ start here

1

1. Find a clear area in which you can work.
2. Unpack fixture and glass from carton.
3. Carefully review instructions prior to assembly.

***** The construction of this fixture will be accomplished by mounting the mounting strap to the junction box, making all necessary electrical connections, and then mounting the fixture to the wall.**

2

1. Prepare gem strap (A) for mounting, by threading the two screws (B) provided into the back of the gull wing bracket on gem strap (A) - see **Drawing 1**.
 - Be sure that holes into which the screws are threaded match the spacing of the mounting holes (D) in the back plate (E) - see **Drawings 1 and 2**.
3. Mount gem strap (A) to junction box (J) using two 1" screws (C) provided.

SAFETY WARNING: READ WIRING AND GROUNDING INSTRUCTIONS (I.S. 18) AND ANY ADDITIONAL DIRECTIONS. TURN POWER SUPPLY OFF DURING INSTALLATION. IF NEW WIRING IS REQUIRED, CONSULT A QUALIFIED ELECTRICIAN OR LOCAL AUTHORITIES FOR CODE REQUIREMENTS.

3

- Make electrical connections from supply wire to fixture lead wires. Refer to instruction sheet 18 (I.S. 18) and follow instructions to make all necessary wiring connections. Then refer back to this sheet to complete installation of this fixture.

4

1. Mount the fixture by slipping the holes (D) in the backplate (E) over the screws (B) in the mounting strap (A) - see **Drawing 2**.
2. Hold fixture against wall and thread ball knobs (F) onto end of screw (B) showing through the backplate (E).

5

1. Remove screws (2) from under roof (1). Make sure cage assembly (3) is supported while removing screws. When last screw is removed the cage assembly can drop off the fixture - see **Drawing 1**.
2. Remove screws (4) that hold the glass clips (5) in place.
3. Glass (6) can now be lifted out of the cage assembly (3).
4. To replace glass, follow steps 1-3 in reverse order.

Note: Maximum wattage for 1800 fixture is 75 watts per bulb.

11.12.09



StoneShield



StoneShield stone coated metal roofing shingles are designed for homeowners who want the performance benefits of metal roofing and the traditional looks of asphalt shingle roofs. Strong and lightweight, StoneShield shingles install easily without battens and can be installed directly over existing asphalt shingles, saving tear-off costs and landfill waste.

- Gauge Options: 26
- Warranty Options: Lifetime

StoneShield Color Options



Blackstone

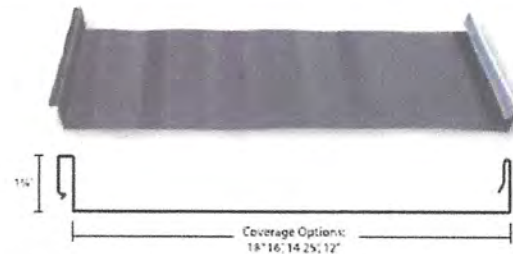


Graystone



Brownstone

SL175



The SL175 panel is a snap locking standing seam metal roofing system that can be used for architectural and light structural applications. SL175 is secured with concealed clips and the ribs snap lock securely together without the use of special tools. SL175 provides very good wind uplift resistance. SL175 can be specified as an accent feature or a total roof system for schools, shopping centers, banks, hotels, offices, and a variety of other applications.

- Gauge Options: 24
- Warranty Options: 30 Yr (24 ga)

- Florida Building Code Approved

29 & 26 Gauge Color Availability

- Siliconized Modified Polyester (SMP) Paint System
- Not all panels are available in all colors.
- Availability is subject to change.



Non-Painted



ACRYLIC COATED GALVALUME

24 Gauge Color Availability

- Polyvinylidene Difluoride (PVDF) Paint System
- Not all panels are available in all colors.
- Availability is subject to change.

Standard Colors



Premium Colors



Non-Painted



ACRYLIC COATED GALVALUME

Product Information

Technical Details

Part Number	90671
Item Weight	1.1 pounds
Product Dimensions	5.7 x 8.1 x 5.5 inches
Item model number	90671
Color	white
Material	Metal
Item Package Quantity	1
Batteries Required?	No





INNOVATIONS FOR LIVING™

Fiberglass-Based Asphalt Shingles & Accessories

Guide Specifications

PROJECT ARCHITECT RESPONSIBILITY: This is a general specification guide, intended to be used by experienced construction professionals, in conjunction with good construction practice and professional judgment. This guide is to aid in the creation of a complete building specification that is to be fully reviewed and edited by the architect of record (specifier). Sections of this guide should be included, edited, or omitted based on the requirements of a specific project. It is the responsibility of both the specifier and the purchaser to determine if a product or system is suitable for its intended use. Neither Owens Corning, nor any of its subsidiary or affiliated companies, assume any responsibility for the content of this specification guide relative to actual projects and specifically disclaim any and all liability for any errors or omissions in design, detail, structural capability, attachment details, shop drawings or other construction related details, whether based upon the information provided by Owens Corning or otherwise.

SECTION 07 31 13 - FIBERGLASS-BASED ASPHALT SHINGLES & ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Roof shingles and accessories including the following:
 - 1. Fiberglass-based asphalt shingles.
 - 2. Hip and ridge shingles.
 - 3. Starter shingles.
 - 4. Self-adhering ice and water barrier.
 - 5. Shingle underlayment.
 - 6. Attic ventilation.
 - 7. Fasteners.
 - 8. Metal flashing and trim.

1.2 RELATED SECTIONS

****NOTE TO SPECIFIER**** Delete and/or add other sections as required.

- A. Section 061000 - Rough Carpentry.
- B. Section 071300 - Sheet Waterproofing.
- C. Section 072400 - Roof and Deck Insulation; for insulation placed over roof decking.
- D. Section 076000 - Flashing and Sheet Metal; for snow guards, metal flashing and drip edges, including step-type flashing installed with shingles.
- E. Section 077200 - Roof Accessories, Skylights, Gutters, Downspouts.

****NOTE TO SPECIFIER**** Delete references from the list below that are not required.

1.3 REFERENCES

- A. ASTM International (ASTM):
 - 1. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - 2. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
 - 3. ASTM B370 - Standard Specification for Copper Sheet and Strip for Building Construction.
 - 4. ASTM D226 - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.
 - 5. ASTM D228 - Standard Test Method for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing.
 - 6. ASTM D1970 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection.
 - 7. ASTM D3018 - Standard Specification for Class A Asphalt Shingles Surfaced with Mineral Granules.
 - 8. ASTM D3161 - Standard Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method).
 - 9. ASTM D3462 - Standard Specification for Asphalt Shingles Made from Glass felt and Surfaced with Mineral Granules.

Fiberglass-Based Asphalt Shingles & Accessories

Guide Specifications

10. ASTM D4869 - Standard Specification for Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing.
 11. ASTM D6381 - Standard Test Method for Measurement of Asphalt Shingle Mechanical Uplift Resistance.
 12. ASTM D6757 - Standard Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing.
 13. ASTM D7158 - Standard Test Method for Wind Resistance of Sealed Asphalt Shingles (Uplift Force/Uplift Resistance Method).
 14. ASTM E108 - Standard Test Methods for Fire Tests of Roof Coverings.
 15. ASTM F1667 - Standard Specification for Driven Fasteners: Nails, Spikes, and Staples.
- B. Canadian Standards Association (CSA): CSA A123.5 - Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules. Note: Applicable only to products sold for use in Canada.
 - C. California Building Standards Commission (CBSC):
 1. California Building Code, California Code of Regulations Title 24.
 - D. Florida Building Commission (FBC):
 1. Florida Building Code.
 2. Florida Product Approvals.
 - E. International Code Council (ICC):
 1. International Residential Code (IRC).
 2. International Building Code (IBC).
 3. ICC-ES Evaluation Reports.
 4. ICC-ES Acceptance Criteria.
 - F. Underwriters Laboratories (UL):
 1. UL 790 - Standard Test Methods for Fire Test of Roof Coverings.
 2. UL 997 - Wind Resistance of Prepared Roof Covering Materials.
 3. UL 2218 - Impact Resistance of Prepared Roof Covering Materials.
 4. UL 2390 - Test Method for Wind Resistant Asphalt Shingles with Sealed Tabs.
 - G. Underwriters Laboratories Evaluation Services (UL-ES):
 1. UL-ES Evaluation Reports.
 - H. Environmental Protection Agency (EPA): ENERGY STAR Rating System.
 - I. Cool Roof Rating Council (CRRC): Product Rating Program.
 - J. Miami-Dade County Building Code Compliance Office (BCCO), Product Control Division: Miami-Dade County Notice of Acceptance (NOA).
 - K. Texas Department of Insurance (TDI): Product Listing.
 - L. US Green Building Council (USGBC): Leadership in Energy and Environmental Design (LEED).

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets and detail drawings for each product to be used, including:
 1. Preparation instructions and recommendations.
 2. Storage and handling requirements and recommendations.
 3. Product literature.
 4. Installation methods.

****NOTE TO SPECIFIER**** Delete selection samples if colors have already been selected.

- C. Selection Samples: Two complete sets of samples, representing manufacturer's full range of available products and colors.
- D. Verification Samples: For each product and finish specified, two samples representing actual products and colors.



