

PRO-CRETE



- **HEADERS**
- **U LINTELS**
- **SILLS**

Pro-Crete Precast Concrete Lintels

Design Calculations & Load Tables

Pro-Crete Materials

Production Plant

1320 Industrial Dr.
Wildwood, FL 34785
(352) 748-1505

Mailing Address

1617 South Division Ave.
Orlando, FL 32805
(407) 422-3768

GENERAL NOTES:

1) CODES:

- 1) FLORIDA BUILDING CODE 6th EDITION, 2017 RESIDENTIAL SECTIONS R402.2 & R606.
- 2) FLORIDA BUILDING CODE, 6th EDITION, 2017 BUILDING, SECTIONS 1901.2 & 2101.
- 3) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-14).
- 4) BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES (ACI 530-13 & ACI 530.1-13)
- 5) AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-10).

2) CONCRETE:

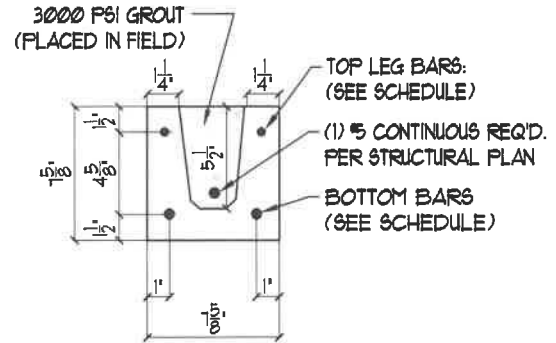
- 2.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS:
 - 2.1.1 PRE-CAST W/STANDARD REINFORCEMENT-4000 PSI
 - 2.1.2 PRE-CAST W/PRESTRESS REINFORCEMENT-6000 PSI
 - 2.1.3 GROUT PER ASTM C476 - 3000 PSI W/ MAX. 3/8" AGGREGATE, 8" TO 11" SLUMP.
- 2.2 REINFORCING BARS:
 - 2.2.1 STEEL PLACED IN PRECAST LINTEL AT TIME OF FABRICATION ASTM A615 (GRADE 60)
 - 2.2.2 STEEL IN LINTEL AND KNOCKOUT BLOCK (PLACED IN FIELD) ASTM A615 (GRADE 40 OR GRADE 60).
- 2.3 PRESTRESS STRANDS ASTM A416 7-WIRE, STRESS RELIEVED 270 KSI
- 2.4 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 318.
- 2.5 CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS.

3) MASONRY:

- 3.1 CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C-90, NORMAL WEIGHT WITH MINIMUM NET AREA COMPRESSIVE STRENGTH 2000PSI.
- 3.2 MORTAR SHALL CONFORM TO ASTM C-270 TYPE 'M' OR 'S'
- 3.3 FULL MORTAR JOINTS ARE REQUIRED
- 3.4 MINIMUM AGGREGATE 28-DAY COMPRESSIVE STRENGTH OF CMU AND MORTAR SHALL NOT BE LESS THAN F'M = 2000 PSI. MASONRY STRENGTH SHALL BE ESTABLISHED BY THE 'UNIT STRENGTH METHOD' OR, ALTERNATIVELY, BY THE 'PRISM TEST METHOD' WHERE USM REQUIREMENTS HAVE NOT BEEN MET.

4) STRUCTURAL:

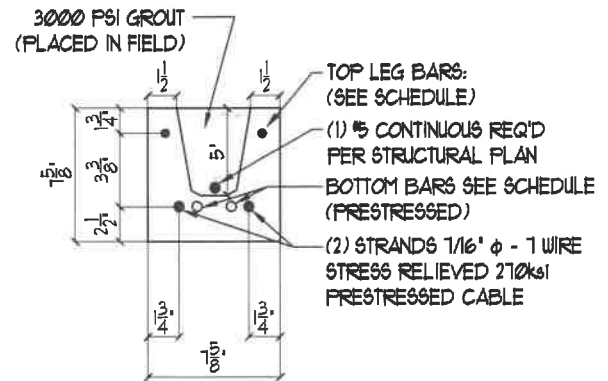
- 4.1 SAFE LOAD VALUES ARE BASED ON LINTELS HAVING A BEARING OF 8" (WITH A MINIMUM ACCEPTABLE BEARING OF 4" PER FLORIDA BUILDING CODE 6TH EDITION, 2017 RESIDENTIAL, SECTION R606.6.3 OR FLORIDA BUILDING CODE 6TH EDITION, 2017 BUILDING, SECTION 2104.1)
- 4.2 SAFE LOAD VALUES BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530
- 4.3 DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING MAXIMUM RESISTING MOMENT AND SHEAR AT A DISTANCE AWAY FROM THE FACE OF THE SUPPORT.
- 4.4 FOR LINTEL LENGTH AT 6'-6" OR GREATER, VERTICAL CELL FILLED SOLID WITH GROUT AND MINIMUM ONE (1) #5 VERTICAL REBAR IS REQUIRED AT EACH END OF THE LINTEL.
- 4.5 LINTELS THAT ARE GREATER THAN 14'-0" CLEAR SPAN MUST BE PROVIDED TEMPORARY SUPPORT, NOT BE REMOVED UNTIL 2 DAYS AFTER GROUT PLACEMENT.



NOTES:

1. MIN. BEARING REQUIRED AT EA. END - 4"
2. STANDARD FOR REINF. STEEL - ASTM A615

TYPICAL LINTEL SECTION PRECAST CONCRETE



NOTES:

1. MIN. BEARING REQUIRED AT EA. END - 4"
2. STANDARD FOR REINF. STEEL - ASTM A615

TYPICAL LINTEL SECTION PRESTRESS CONCRETE



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GENERAL NOTES & DETAILS 8" LINTEL

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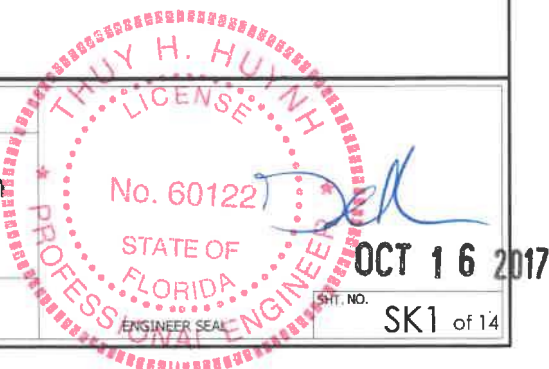
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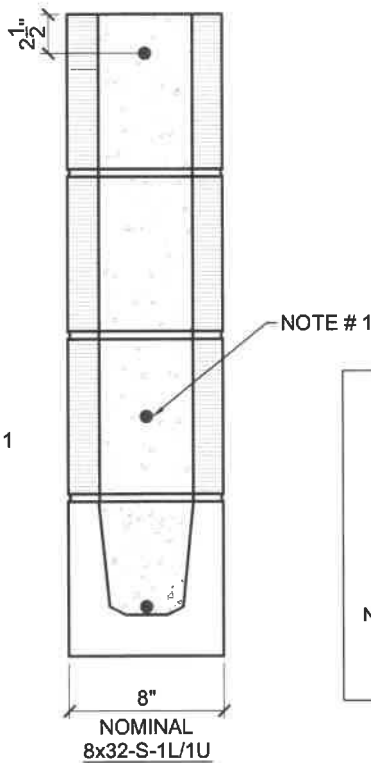
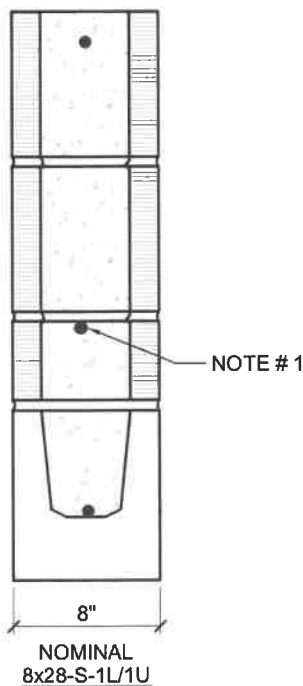
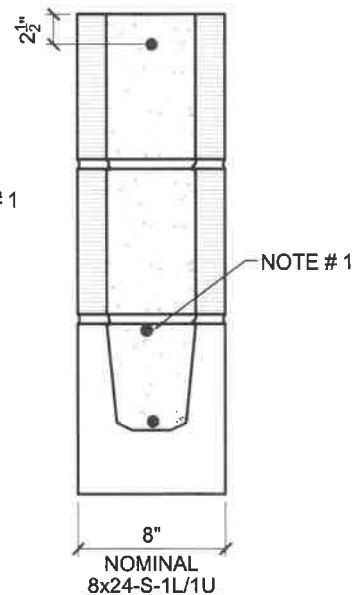
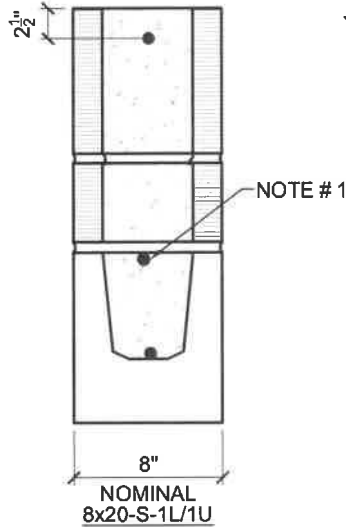
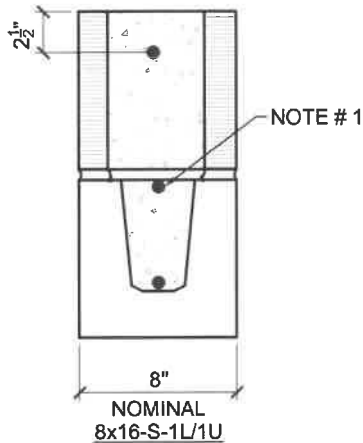
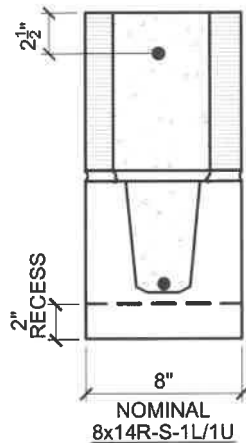
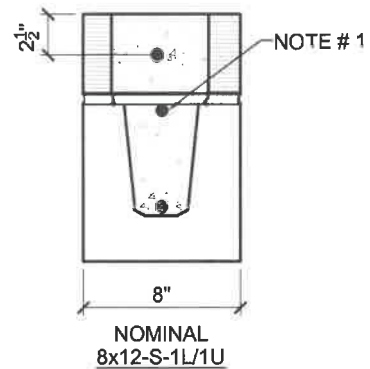
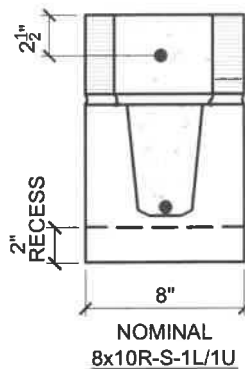
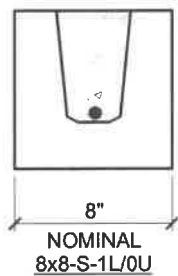
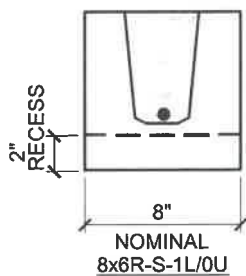
370557

☐ SAMUEL A. GREENBERG, P.E. #34245

☒ THUY H. HUYNH, P.E. #60122

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TYPE DESIGNATION

QUANTITY OF #5 BAR IN LOWER PORTION OF LINTEL

[8/16-S-(1)L/(1)U]

NOMINAL WIDTH

NOMINAL HEIGHT

FILL SOLID W/ GROUT

QUANTITY OF #5 BAR IN UPPER PORTION OF LINTEL / K.O. BLOCK

NOTE # 1: (1) #4 MIN. REQUIRED FOR DEEP BEAM ONLY



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LINTEL DETAILS

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No. 60122

STATE OF
FLORIDA

PROFESSIONAL ENGINEER

ENGINEER SEAL

OCT 16 2017

SHT. NO.

SK2 of 14

8" LINTEL SAFE GRAVITY LOADS (PLF), Fy = 40ksi									
LENGTH	TYPE	8x8-P	8x8-S-0L	8x12-S-0L	8x16-S-0L	8x20-S-0L	8x24-S-0L	8x28-S-0L	8x32-S-0L
			8x8-S-1L	8x12-S-1L	8x16-S-1L	8x20-S-1L	8x24-S-1L	8x28-S-1L	8x32-S-1L
2 - 10"	Precast	2318	1550	2615	4896*	6570*	8243*	9916*	10000*
			3733	10000	6457*	8333*	10000*	10000*	10000*
3 - 6"	Precast	1436	952	1609	3114	4217*	5321*	6426*	7531*
			2465	6039	10000	6385*	7708*	9031*	10000*
4 - 0"	Precast	1065	700	1186	2305	3125	3945*	4765*	5587*
			1961	4362	8020	10000	6524*	7627*	8751*
4 - 6"	Precast	819	533	907	1770	2400	3033	3666*	4300*
			1625	3408	5743	8507	7110	6541*	7565*
5 - 4"	Precast	931	1247	2135	3478	3077	3848	4620	5392*
			1319	2569	4460	7196	9921	7946	6259*
5 - 10"	Precast	817	1024	1755	2863	2529	3164	3800	4435
			1161	2207	3693	5877	8183	6548	7647
6 - 6"	Precast	692	1139	2024	3227	4504	6159	7376	5719
			1139	2024	3227	4598	7054	10000	10000
7 - 6"	Precast	570	938	1624	2498	3314	4535	5433	4203
			938	1624	2498	3408	4864	7067	9087
8 - 6"	Precast	483	777	1352	1946	2584	3471	4159	3209
			720	1352	1934	2700	3702	5073	6742
9 - 4"	Precast	428	633	1110	1593	2204	2841	3405	2621
			639	1114	1674	2298	3081	4099	5257
10' - 6"	Precast	368	487	858	1329	1767	2540	2645	2028
			550	949	1407	1897	2797	3222	4007
11' - 4"	Precast	330	544	903	1312	1742	2252	2868	3630
			544	903	1312	1742	2252	2868	3552
12' - 0"	Precast	308	507	838	1210	1596	2048	2586	3215
			507	838	1210	1596	2048	2586	3171
13' - 4"	Precast	270	433	729	1045	1365	1732	2157	2566
			414	729	1045	1365	1732	2157	2605
14' - 0"	Precast	254	388	685	978	1272	1606	1988	2310
			390	685	978	1272	1606	1950	2389
14' - 8"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			470	1008	1418	1893	2345	2871	3232
15' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			426	916	1290	1724	2137	2616	2946
17' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			324	702	952	1330	1651	2023	2280
19' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			252	553	751	1054	1310	1607	1814
21' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			200	443	678	853	1062	1168	1474
22' - 0"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			185	414	634	798	994	1222	1381
24' - 0"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			149	339	522	659	824	1014	1147

* LINTEL MEETS DEEP BEAM CRITERIA

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8" LINTEL LOAD TABLE

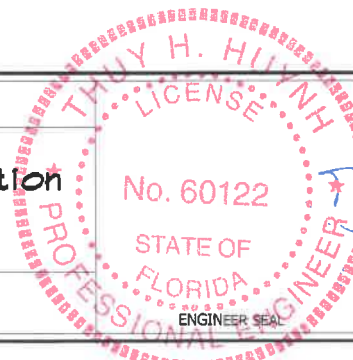
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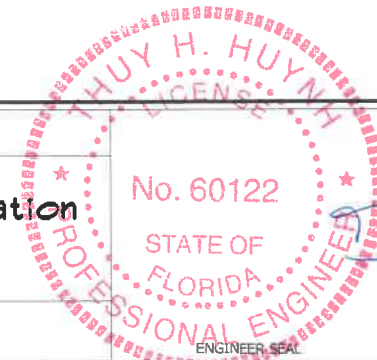
☒ THUY H. HUYNH, P.E. #60122



OCT 16 2017
SHT. NO. SK3 of 14

8" LINTEL SAFE GRAVITY LOADS (PLF), Fy = 60ksi									
LENGTH	TYPE	8x8-P	8x8-S-0L	8x12-S-0L	8x16-S-0L	8x20-S-0L	8x24-S-0L	8x28-S-0L	8x32-S-0L
			8x8-S-1L	8x12-S-1L	8x16-S-1L	8x20-S-1L	8x24-S-1L	8x28-S-1L	8x32-S-1L
2' - 10"	Precast	2318	1551	2615	4896*	6570*	8243*	9916*	10000*
			3733	10000	6467*	8333*	10000*	10000*	10000*
3' - 6"	Precast	1436	952	1609	3731	4872*	6195*	7518*	8792*
			2465	6037	10000	6385*	7708*	9031*	10000*
4' - 0"	Precast	1065	700	1186	2765	3750	4735*	5721*	6708*
			1961	4362	9459	10000	6524*	7627*	8751*
4' - 6"	Precast	819	533	906	2126	2885	3645	4406*	5168*
			1625	3408	6572	10000	10000	6541*	7565*
5' - 4"	Precast	931	1247	2135	3865	3425	4284	5145	6006*
			1319	2569	4460	7545	10000	10000	6259*
5' - 10"	Precast	817	1024	1755	3183	2816	3524	4233	4943
			1161	2207	3693	5877	9074	10000	10000
6' - 6"	Precast	692	1139	2024	3227	4504	6585	7889	6120
			1139	2024	3227	4598	7054	10000	10000
7' - 6"	Precast	570	938	1624	2498	3314	4644	5813	4500
			938	1624	2498	3408	4864	7067	10000
8' - 6"	Precast	483	777	1352	1946	2584	3553	4451	3438
			720	1352	1934	2700	3702	5073	7070
9' - 4"	Precast	428	633	1110	1593	2203	2965	3647	2809
			639	1114	1674	2298	3081	4099	5478
10' - 6"	Precast	368	487	858	1341	1823	2696	2834	2175
			550	949	1407	1897	2797	3222	4154
11' - 4"	Precast	330	544	903	1312	1742	2252	2868	3630
			544	903	1312	1742	2252	2868	3630
12' - 0"	Precast	308	507	838	1210	1596	2048	2596	3216
			507	838	1210	1596	2048	2596	3171
13' - 4"	Precast	270	533	730	1045	1366	1732	2157	2566
			415	730	1045	1366	1732	2157	2605
14' - 0"	Precast	254	388	685	978	1272	1606	1988	2311
			390	685	978	1272	1606	1950	2389
14' - 8"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			470	1008	1418	1893	2345	2871	3232
15' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			426	916	1290	1724	2137	2616	2946
17' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			324	702	952	1330	1651	2023	2280
19' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			252	553	751	1054	1310	1607	1814
21' - 4"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			200	443	678	853	1062	1168	1474
22' - 0"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			185	414	634	798	994	1222	1381
24' - 0"	Prestressed	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
			149	339	522	659	824	1014	1147

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8" LINTEL LOAD TABLE

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☒ THUY H. HUYNH, P.E. #60122

SHT. NO. SK4 of 14

8" LINTEL SAFE UPLIFT LOADS (PLF), F _y = 40ksi								
LENGTH	TYPE	8x8-S-1U	8x12-S-1U	8x16-S-1U	8x20-S-1U	8x24-S-1U	8x28-S-1U	8x32-S-1U
		8x8-S-2U	8x12-S-2U	8x16-S-2U	8x20-S-2U	8x24-S-2U	8x28-S-2U	8x32-S-2U
2' - 10"	Precast	3772	10000	4896*	6570*	8243*	9916*	10000*
		3772	10000	4896*	6570*	8243*	9916*	10000*
3' - 6"	Precast	2504	6093	4439	4872*	6195*	7518*	8792*
		2504	6093	10000	4872*	6195*	7518*	8792*
4' - 0"	Precast	2000	4416	3322	4373	5263*	6366*	7490*
		2000	4416	8987	10000	5263*	6366*	7190*
4' - 6"	Precast	1665	3463	2582	3397	4214	5031*	5849*
		1665	3463	6353	9856	10000	5031*	5849*
5' - 4"	Precast	1301	2547	1806	2374	2944	3513	4084*
		1301	2547	4275	6859	8538	6869	4084*
5' - 10"	Precast	1151	2198	1499	1971	2443	2915	3387
		1151	2198	3577	5653	7066	5688	6623
6' - 6"	Precast	968	1778	1201	1578	1955	2332	2709
		968	1824	2939	4421	5633	4538	5283
7' - 6"	Precast	716	1316	900	1181	1462	1743	2025
		807	1483	2322	3336	4185	3376	3931
8' - 6"	Precast	552	1014	703	920	1139	1357	1576
		692	1249	1922	2602	3236	2615	3044
9' - 4"	Precast	454	835	586	767	948	1129	1310
		618	1103	1628	2151	2675	2164	2519
10' - 6"	Precast	356	654	468	612	755	899	1042
		538	949	1285	1696	2108	1710	1989
11' - 4"	Precast	430	787	406	530	653	777	872
		507	878	1104	1456	1809	1470	1710
12' - 0"	Precast	383	699	366	476	587	698	783
		475	818	986	1300	1615	1314	1476
13' - 4"	Precast	308	563	303	393	484	575	645
		416	720	802	1057	1312	1071	1203
14' - 0"	Precast	279	510	278	360	443	526	609
		376	680	730	961	1192	975	1133
14' - 8"	Prestressed	298	494	422	506	626	746	865
		393	635	830	994	1237	1474	1715
15' - 4"	Prestressed	274	453	387	464	574	684	793
		374	603	760	915	1134	1353	1572
17' - 4"	Prestressed	215	356	326	365	451	587	680
		322	524	641	720	892	1161	1349
19' - 4"	Prestressed	233	353	266	348	430	513	595
		285	438	523	686	850	1015	1179
21' - 4"	Prestressed	192	291	219	308	381	454	527
		235	392	431	605	751	896	1042
22' - 0"	Prestressed	180	274	226	290	359	428	497
		221	380	445	573	710	847	985
24' - 0"	Prestressed	152	231	174	245	302	360	418
		186	345	341	483	598	714	829

* LINTEL MEETS DEEP BEAM CRITERIA

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OCT 16 2017
SHT. NO. SK5 of 14

8" LINTEL SAFE UPLIFT LOADS (PLF), $F_y = 60\text{ksi}$								
LENGTH	TYPE	8x8-S-1U	8x12-S-1U	8x16-S-1U	8x20-S-1U	8x24-S-1U	8x28-S-1U	8x32-S-1U
		8x8-S-2U	8x12-S-2U	8x16-S-2U	8x20-S-2U	8x24-S-2U	8x28-S-2U	8x32-S-2U
2' - 10"	Precast	3772	10000	4896*	6570*	8243*	9916*	10000*
		3772	10000	4896*	6570*	8243*	9916*	10000*
3' - 6"	Precast	2504	6093	9773	4872*	6195*	7518*	8792*
		2504	6093	10000	4872*	6195*	7518*	8792*
4' - 0"	Precast	2000	4416	7300	6473	5263*	6366*	7490*
		2000	4416	8987	10000	5263*	6366*	7490*
4' - 6"	Precast	1665	3463	5662	5024	6243	5449*	6473*
		1665	3463	6353	10000	10000	5449*	6473*
5' - 4"	Precast	1301	2547	3945	3504	4353	5203	6053*
		1301	2547	4275	7156	10000	10000	6053*
5' - 10"	Precast	1151	2198	3267	2904	3607	4311	5015
		1151	2198	3577	5653	9327	10000	10000
6' - 6"	Precast	997	1858	2608	2320	2881	3442	4004
		968	1858	2940	4420	6714	9941	10000
7' - 6"	Precast	830	1509	1941	1731	2148	2566	2983
		807	1509	2323	3336	4734	6812	8605
8' - 6"	Precast	711	1270	1505	1344	1667	1991	2314
		692	1270	1922	2683	3664	4988	6644
9' - 4"	Precast	592	1099	1246	1116	1383	1650	1918
		618	1103	1682	2309	3085	4082	5416
10' - 6"	Precast	464	861	985	885	1096	1307	1519
		538	949	1434	1934	2531	3060	4112
11' - 4"	Precast	520	897	848	763	945	1126	1264
		507	897	1298	1734	2244	2852	3377
12' - 0"	Precast	462	836	758	684	846	1008	1132
		475	836	1207	1602	2058	2594	3048
13' - 4"	Precast	372	688	619	560	692	825	926
		421	720	1059	1392	1768	2198	2554
14' - 0"	Precast	337	622	564	512	632	752	873
		399	680	999	1307	1653	2044	2419
14' - 8"	Prestressed	402	592	627	754	933	1113	1292
		393	635	771	994	1241	1519	1836
15' - 4"	Prestressed	374	563	575	691	856	1020	1184
		374	603	730	937	1166	1423	1712
17' - 4"	Prestressed	313	490	485	543	673	875	1016
		326	524	629	802	989	1195	1422
19' - 4"	Prestressed	275	405	395	518	641	765	889
		275	438	552	700	860	1029	1216
21' - 4"	Prestressed	227	363	326	458	567	676	786
		227	392	493	567	692	826	1058
22' - 0"	Prestressed	214	351	337	433	536	639	742
		214	380	475	600	730	870	1112
24' - 0"	Prestressed	180	319	258	365	451	538	625
		180	345	426	541	656	779	992

* LINTEL MEETS DEEP BEAM CRITERIA



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8" LINTEL LOAD TABLE

Pro-Crete Materials Corporation

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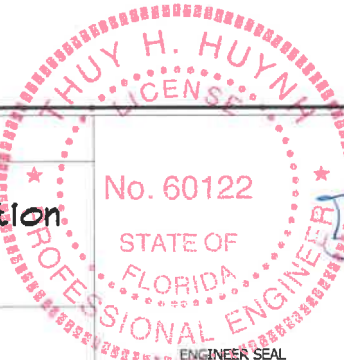
JOB NO.: 370557

☐ SAMUEL A. GREENBERG, P.E. #34245

☒ HUY H. HUYNH, P.E. #60122

No. 60122

STATE OF
FLORIDA



OCT 16 2017

SHT. NO.

SK6 of 14

GENERAL NOTES:

1.) CODES

- 1.1 FLORIDA BUILDING CODE 6th EDITION, 2017 RESIDENTIAL SECTIONS R402.2 & R606.
- 1.2 FLORIDA BUILDING CODE, 6th EDITION, 2017 BUILDING, SECTIONS 1901.2 & 2101.
- 1.3 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-14).
- 1.4 BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES (ACI 530-13 & ACI 530.1-13)
- 1.5 AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-10).

2.) CONCRETE:

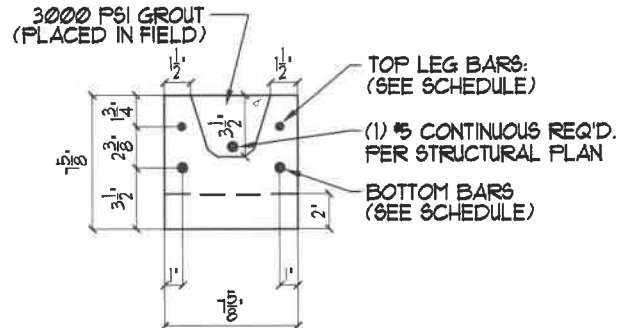
- 2.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS:
 - 2.1.1 PRE-CAST W/STANDARD REINFORCEMENT-4000 PSI
 - 2.1.2 GROUT PER ASTM C476 - 3000 PSI W/ MAX. 3/8" AGGREGATE, 8" TO 11" SLUMP.
- 2.2 REINFORCING BARS:
 - 2.2.1 STEEL PLACED IN PRECAST LINTEL AT TIME OF FABRICATION ASTM A615 (GRADE 60)
 - 2.2.2 STEEL IN LINTEL AND KNOCKOUT BLOCK (PLACED IN FIELD) ASTM A615 (GRADE 40 OR GRADE 60).
- 2.3 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 315.
- 2.4 CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS.

3.) MASONRY:

- 3.1 CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C-90, NORMAL WEIGHT WITH MINIMUM NET AREA COMPRESSIVE STRENGTH 2000PSI.
- 3.2 MORTAR SHALL CONFORM TO ASTM C-270 TYPE 'M' OR 'S'
- 3.3 FULL MORTAR JOINTS ARE REQUIRED
- 3.4 MINIMUM AGGREGATE 28-DAY COMPRESSIVE STRENGTH OF CMU AND MORTAR SHALL NOT BE LESS THAN F_m = 2000 PSI. MASONRY STRENGTH SHALL BE ESTABLISHED BY THE 'UNIT STRENGTH METHOD' OR, ALTERNATIVELY, BY THE 'PRISM TEST METHOD' WHERE USM REQUIREMENTS HAVE NOT BEEN MET.

4.) STRUCTURAL:

- 4.1 SAFE LOAD VALUES ARE BASED ON LINTELS HAVING A BEARING OF 8" (WITH A MINIMUM ACCEPTABLE BEARING OF 4" PER FLORIDA BUILDING CODE 6TH EDITION, 2017 RESIDENTIAL, SECTION R606.6.3 OR FLORIDA BUILDING CODE 6TH EDITION, 2017 BUILDING, SECTION 2104.1)
- 4.2 SAFE LOAD VALUES BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530
- 4.3 DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING MAXIMUM RESISTING MOMENT AND SHEAR AT A DISTANCE AWAY FROM THE FACE OF THE SUPPORT.
- 4.4 FOR LINTEL LENGTH AT 6'-6" OR GREATER, VERTICAL CELL FILLED SOLID WITH GROUT AND MINIMUM ONE (1) #5 VERTICAL REBAR IS REQUIRED AT EACH END OF THE LINTEL.
- 4.5 LINTELS THAT ARE GREATER THAN 14'-0" CLEAR SPAN MUST BE PROVIDED TEMPORARY SUPPORT, NOT BE REMOVED UNTIL 2 DAYS AFTER GROUT PLACEMENT.



NOTES:

1. MIN. BEARING REQUIRED AT EA. END - 4"
2. STANDARD FOR REINF. STEEL - ASTM A615

TYPICAL RECESS LINTEL SECTION PRECAST CONCRETE



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GENERAL NOTES & DETAILS RECESS LINTELS

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JOB NO.: 370557

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STATE OF
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ENGINEER SEAL

SHT. NO.

SK7 of 14

OCT 16 2017

8" RECESS LINTEL SAFE GRAVITY LOADS (PLF), Fy = 40ksi									
LENGTH	TYPE	8x6R-P	8x6R-S-OL	8x10R-S-OL	8x14R-S-OL	8x18R-S-OL	8x22R-S-OL	8x26R-S-OL	8x30R-S-OL
			8x6R-S-1L	8x10R-S-1L	8x14R-S-1L	8x18R-S-1L	8x22R-S-1L	8x26R-S-1L	8x30R-S-1L
3' - 8"	Precast	848	852	1152	2558	3552	4548*	5544*	6540*
			1195	3342	7405	10000	6188*	7411*	8675*
4' - 0"	Precast	697	699	945	2104	2923	3744	4564*	5386*
			1050	2817	6071	9877	10000	6696*	7825*
4' - 4"	Precast	583	583	786	1758	2445	3132	3820*	4508*
			936	2433	4946	8288	10000	6102*	7026*
4' - 6"	Precast	536	535	721	1616	2248	2880	3513*	4146*
			887	2277	4526	7632	9783	5833*	6827*
5' - 8"	Precast	564	703	1479	2698	3711	3138	3815	4493
			694	1622	2903	4722	7517	9710	10000
5' - 10"	Precast	542	659	1388	2533	3485	2946	3582	4218
			668	1552	2754	4417	6886	9125	10000
6' - 8"	Precast	446	680	1411	2360	3569	5056	6522	7677
			680	1411	2360	3569	5096	7895	10000
7' - 0"	Precast	419	639	1315	2175	3240	4505	5877	6918
			639	1315	2175	3240	4538	6800	9848
7' - 6"	Precast	384	585	1192	1945	2845	3869	5072	5971
			585	1192	1945	2845	3896	5623	8121
9' - 8"	Precast	279	364	805	1250	1760	2386	2950	3475
			367	782	1257	1771	2400	3192	4137

* LINTEL MEETS DEEP BEAM CRITERIA

8" RECESS LINTEL SAFE GRAVITY LOADS (PLF), Fy = 60ksi									
LENGTH	TYPE	8x6R-P	8x6R-S-OL	8x10R-S-OL	8x14R-S-OL	8x18R-S-OL	8x22R-S-OL	8x26R-S-OL	8x30R-S-OL
			8x6R-S-1L	8x10R-S-1L	8x14R-S-1L	8x18R-S-1L	8x22R-S-1L	8x26R-S-1L	8x30R-S-1L
3' - 8"	Precast	848	852	1152	3065	4258	5453*	6650*	7846*
			1195	3342	7849	10000	6188*	7411*	8675*
4' - 0"	Precast	697	699	945	2523	3507	4492	5478*	6465*
			1050	2817	6071	10000	10000	6696*	7825*
4' - 4"	Precast	583	583	786	2110	2935	3761	4587*	5415*
			936	2433	4946	9343	10000	6102*	7026*
4' - 6"	Precast	536	535	721	1940	2700	3460	4220*	4981*
			887	2277	4526	8605	10000	5833*	6827*
5' - 8"	Precast	564	703	1479	2826	4126	3494	4249	5005
			694	1622	2903	4722	7884	10000	10000
5' - 10"	Precast	542	659	1388	2681	3875	3280	3890	4700
			668	1552	2754	4417	7204	10000	10000
6' - 8"	Precast	446	680	1411	2360	3569	5057	6974	8212
			586	1411	2360	3569	5096	7895	10000
7' - 0"	Precast	419	639	1315	2175	3240	4505	6285	7400
			639	1315	2175	3240	4538	6800	10000
7' - 6"	Precast	384	585	1192	1945	2845	3870	5425	6389
			585	1192	1945	2845	3896	5623	8370
9' - 8"	Precast	279	364	805	1250	1760	2386	3159	3721
			367	782	1257	1771	2400	3192	4224

* LINTEL MEETS DEEP BEAM CRITERIA



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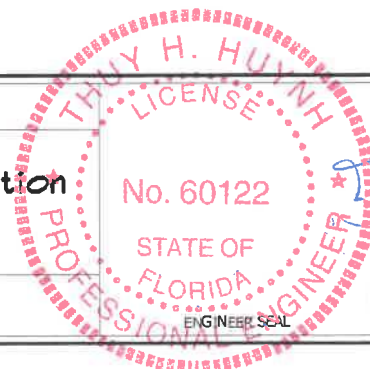
8" RECESS LINTEL LOAD TABLE

Pro-Crete Materials Corporation

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Telephone: (407) 422-3768

JOB NO.: 370557

☐ SAMUEL A. GREENBERG, P.E. #34245
☒ THUY H. HUYNH, P.E. #60122



OCT 16 2017
SHT. NO. SK8 of 14

8" RECESS LINTEL SAFE UPLIFT LOADS (PLF), $F_y = 40\text{ksi}$								
LENGTH	TYPE	8x6R-S-1U	8x10R-S-1U	8x14R-S-1U	8x18R-S-1U	8x22R-S-1U	8x26R-S-1U	8x30R-S-1U
		8x6R-S-2U	8x10R-S-2U	8x14R-S-2U	8x18R-S-2U	8x22R-S-2U	8x26R-S-2U	8x30R-S-2U
3' - 8"	Precast	1224	3386	6639	6509	6217*	7440*	8704*
		1224	3386	6639	10000	6217*	7440*	8704*
4' - 0"	Precast	1079	2861	5264	5379	6922	6725*	7854*
		1079	2861	5264	10000	10000	6725*	7854*
4' - 4"	Precast	965	2477	4361	4520	5817	6131*	7055*
		965	2477	4361	8262	10000	6161*	7055*
4' - 6"	Precast	916	2321	4016	4166	5361	5862*	6856*
		916	2321	4016	7332	10000	5862*	6856*
5' - 8"	Precast	678	1612	2586	2542	3272	4002	4733
		678	1612	2586	4101	6749	9749	10000
5' - 10"	Precast	654	1544	2461	2391	3077	3763	4451
		654	1544	2461	3858	6225	9167	10000
6' - 8"	Precast	530	1277	1921	1803	2320	2838	3356
		530	1277	1920	2977	4485	6847	8207
7' - 0"	Precast	478	1170	1733	1627	2094	2561	3029
		500	1169	1783	2728	4034	5985	7407
7' - 6"	Precast	414	1012	1500	1408	1812	2217	2621
		461	1066	1610	2423	3505	5034	6409
9' - 8"	Precast	244	597	884	830	1068	1307	1546
		343	771	1133	1633	2235	2982	3779

* LINTEL MEETS DEEP BEAM CRITERIA

8" RECESS LINTEL SAFE UPLIFT LOADS (PLF), $F_y = 60\text{ksi}$								
LENGTH	TYPE	8x6R-S-1U	8x10R-S-1U	8x14R-S-1U	8x18R-S-1U	8x22R-S-1U	8x26R-S-1U	8x30R-S-1U
		8x6R-S-2U	8x10R-S-2U	8x14R-S-2U	8x18R-S-2U	8x22R-S-2U	8x26R-S-2U	8x30R-S-2U
3' - 8"	Precast	1224	3386	6639	10000	6217*	7440*	8704*
		1224	3386	6639	10000	6217*	7440*	8704*
4' - 0"	Precast	1079	2861	5264	10000	10000	6725*	7854*
		1079	2861	5264	10000	10000	6725*	7854*
4' - 4"	Precast	965	2477	4361	8646	10000	6131*	7055*
		965	2477	4361	8646	10000	6131*	7055*
4' - 6"	Precast	916	2321	4016	7648	10000	5862*	6856*
		916	2321	4016	7648	10000	5862*	6856*
5' - 8"	Precast	678	1612	2586	4228	6473	7918	6282
		678	1612	2586	4228	6749	10000	10000
5' - 10"	Precast	654	1544	2461	3975	6086	7445	5907
		654	1544	2461	3975	6225	10000	10000
6' - 8"	Precast	555	1277	1981	3057	4590	5615	4454
		555	1277	1981	3057	4485	6832	10000
7' - 0"	Precast	523	1194	1838	2799	4132	5067	4020
		523	1194	1838	3057	4132	5973	9218
7' - 6"	Precast	481	1089	1658	2484	3585	4385	3479
		481	1089	1658	2484	3505	5025	7363
9' - 8"	Precast	311	782	1164	1639	2114	2585	2051
		343	771	1164	1633	2235	2978	3932

* LINTEL MEETS DEEP BEAM CRITERIA

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8" RECESS LINTEL LOAD TABLE

Pro-Crete Materials Corporation

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Telephone: (407) 422-3788

JOB NO.: 370557

☐ SAMUEL A. GREENBERG, P.E. #34245
☒ THUY H. HUYNH, P.E. #60122

No. 60122

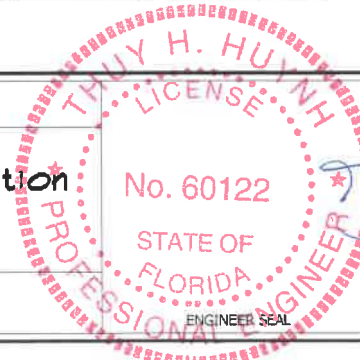
STATE OF

FLORIDA

ENGINEER SEAL

SHT. NO.

SK9 of 14



OCT 16 2017

GENERAL NOTES:

1.) CODES

- 1.1 FLORIDA BUILDING CODE 6th EDITION, 2017 RESIDENTIAL SECTIONS R402.2 & R606.
- 1.2 FLORIDA BUILDING CODE, 6th EDITION, 2017 BUILDING, SECTIONS 1901.2 & 2101.
- 1.3 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-14).
- 1.4 BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES (ACI 530-13 & ACI 530.1-13)
- 1.5 AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-10).

2.) CONCRETE:

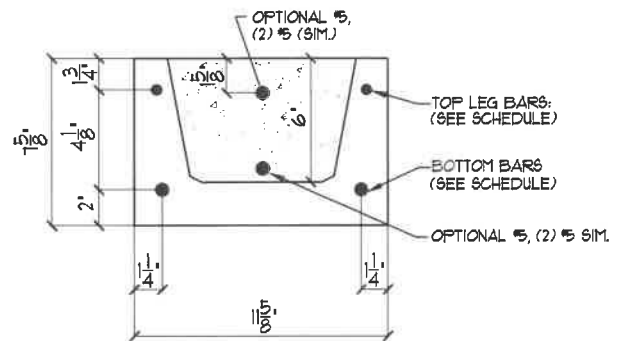
- 2.1 CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS:
 - 2.1.1 PRE-CAST W/STANDARD REINFORCEMENT-4000 PSI
 - 2.1.2 GROUT PER ASTM C476 - 3000 PSI W/ MAX 3/8" AGGREGATE, 8" TO 11" SLUMP.
- 2.2 REINFORCING BARS:
 - 2.2.1 STEEL PLACED IN PRECAST LINTEL AT TIME OF FABRICATION ASTM A615 (GRADE 60)
 - 2.2.2 STEEL IN LINTEL AND KNOCKOUT BLOCK (PLACED IN FIELD) ASTM A615 (GRADE 40 OR GRADE 60).
- 2.3 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 318.
- 2.4 CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS.

3.) MASONRY:

- 3.1 CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C-90, NORMAL WEIGHT WITH MINIMUM NET AREA COMPRESSIVE STRENGTH 2000PSI.
- 3.2 MORTAR SHALL CONFORM TO ASTM C-270 TYPE "M" OR "S"
- 3.3 FULL MORTAR JOINTS ARE REQUIRED
- 3.4 MINIMUM AGGREGATE 28-DAY COMPRESSIVE STRENGTH OF CMU AND MORTAR SHALL NOT BE LESS THAN FM = 2000 PSI. MASONRY STRENGTH SHALL BE ESTABLISHED BY THE "UNIT STRENGTH METHOD" OR, ALTERNATIVELY, BY THE "PRISM TEST METHOD" WHERE USM REQUIREMENTS HAVE NOT BEEN MET.

4.) STRUCTURAL:

- 4.1 SAFE LOAD VALUES ARE BASED ON LINTELS HAVING A BEARING OF 8" (WITH A MINIMUM ACCEPTABLE BEARING OF 4" PER FLORIDA BUILDING CODE 6TH EDITION, 2017 RESIDENTIAL, SECTION R606.6.3 OR FLORIDA BUILDING CODE 6TH EDITION, 2017 BUILDING, SECTION 2104.1)
- 4.2 SAFE LOAD VALUES BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530
- 4.3 DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING MAXIMUM RESISTING MOMENT AND SHEAR AT A DISTANCE AWAY FROM THE FACE OF THE SUPPORT.
- 4.4 FOR LINTEL LENGTH AT 6'-6" OR GREATER, VERTICAL CELL FILLED SOLID WITH GROUT AND MINIMUM ONE (1) #5 VERTICAL REBAR IS REQUIRED AT EACH END OF THE LINTEL.
- 4.5 LINTELS THAT ARE GREATER THAN 14'-0" CLEAR SPAN MUST BE PROVIDED TEMPORARY SUPPORT, NOT BE REMOVED UNTIL 2 DAYS AFTER GROUT PLACEMENT.



TYPICAL 12-INCH LINTEL PRECAST CONCRETE



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GENERAL NOTES & DETAILS - 12" LINTEL

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STATE OF
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PROFESSIONAL ENGINEER

ENGINEER SEAL

OCT 16 2017

SHT. NO.

SK10 of 14

12" LINTEL SAFE GRAVITY LOADS (PLF), $F_y = 40\text{ksi}$

LENGTH	TYPE	12x8-P	12x8-S-2L	12x12-S-2L	12x16-S-2L	12x20-S-2L	12x24-S-2L	12x28-S-2L	12x32-S-2L
2' - 10"	Precast	3615	6013	10000	8585*	10000*	10000*	10000*	10000*
3' - 6"	Precast	2311	3935	9808	10000	8141*	10000*	10000*	10000*
4' - 0"	Precast	1816	3119	7031	10000	10000	8556*	10000*	10000*
4' - 6"	Precast	1494	2580	5472	10000	10000	10000	8894*	10000*
5' - 4"	Precast	1150	1998	3985	7017	10000	10000	10000	8410*
5' - 10"	Precast	1010	1758	3422	5808	9293	10000	10000	10000
6' - 6"	Precast	867	1513	2876	4717	7162	10000	10000	10000
7' - 6"	Precast	714	1249	2315	3671	5315	7620	10000	9492
8' - 6"	Precast	606	1060	1934	2998	4215	5805	7981	7266
9' - 4"	Precast	537	940	1697	2597	3589	4835	6453	5949
10' - 6"	Precast	462	810	1446	2182	2964	3909	5077	4621
11' - 4"	Precast	420	736	1307	1956	2633	3433	4399	3919
12' - 0"	Precast	391	685	1212	1805	2415	3126	3971	3463
13' - 4"	Precast	343	601	1056	1561	2068	2647	3317	2752
14' - 0"	Precast	323	566	992	1461	1928	2456	3062	2472

* LINTEL MEETS DEEP BEAM CRITERIA

12" LINTEL SAFE UPLIFT LOADS (PLF), $F_y = 40\text{ksi}$

LENGTH	TYPE	12x8-S-2T	12x12-S-2T	12x16-S-2T	12x20-S-2T	12x24-S-2T	12x28-S-2T	12x32-S-2T
2' - 10"	Precast	4043	10000	9013*	10000*	10000*	10000*	10000*
3' - 6"	Precast	2790	7426	10000	8620*	10000*	10000*	10000*
4' - 0"	Precast	2264	5555	10000	10000	9004*	10000*	10000*
4' - 6"	Precast	1904	4436	8722	7854	9857	9304*	10000*
5' - 4"	Precast	1506	3322	5980	5454	6845	8238	8766*
5' - 10"	Precast	1338	2887	5014	4507	5657	6808	7960
6' - 6"	Precast	1165	2458	3989	3585	4500	5416	6332
7' - 6"		935	1942	2953	2655	3332	4010	4688
8' - 6"	Precast	898	1766	2805	3824	3209	3857	4505
9' - 4"	Precast	768	1560	2355	3149	2642	3176	3710
10' - 6"	Precast	602	1223	1846	2468	2071	2489	2907
11' - 4"	Precast	514	1044	1577	2108	1769	2126	2483
12' - 0"	Precast	457	928	1402	1784	1572	1890	2208
13' - 4"	Precast	368	748	1129	1509	1266	1522	1778
14' - 0"	Precast	333	677	1021	1365	1146	1377	1609

* LINTEL MEETS DEEP BEAM CRITERIA

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12" LINTEL SAFE GRAVITY & UPLIFT LOAD TABLE

Pro-Crete Materials Corporation

1617 Division Ave.
Orlando, FL 32805
Telephone: (407) 422-3768

JOB NO.: 370557

☐ SAMUEL A. GREENBERG, P.E. #34245

☒ THUY H. HUYNH, P.E. #60122

No. 60122

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

ENGINEER SEAL

OCT 16 2017

SHT. NO. SK11 of 14

12" LINTEL SAFE GRAVITY LOADS (PLF), $F_y = 60\text{ksi}$

LENGTH	TYPE	12x8-P	12x8-S-2L	12x12-S-2L	12x16-S-2L	12x20-S-2L	12x24-S-2L	12x28-S-2L	12x32-S-2L
2' - 10"	Precast	3615	6013	10000	8585*	10000*	10000*	10000*	10000*
3' - 6"	Precast	2311	3935	9808	10000	10000	10000*	10000*	10000*
4' - 0"	Precast	1816	3119	7031	10000	10000	8556*	10000*	10000*
4' - 6"	Precast	1494	2580	5472	10000	10000	10000	8894*	10000*
5' - 4"	Precast	1150	1998	3985	7017	10000	10000	10000	8410*
5' - 10"	Precast	1010	1758	3422	5808	9293	10000	10000	10000
6' - 6"	Precast	867	1513	2876	4717	7162	10000	10000	10000
7' - 6"	Precast	714	1249	2315	3671	5315	7620	10000	10000
8' - 6"	Precast	606	1060	1934	2998	4215	5805	7981	10000
9' - 4"	Precast	537	940	1697	2597	3589	4835	6453	8645
10' - 6"	Precast	462	810	1446	2182	2964	3909	5077	6561
11' - 4"	Precast	420	736	1307	1956	2633	3433	4399	5588
12' - 0"	Precast	391	685	1212	1805	2415	3126	3971	4991
13' - 4"	Precast	343	601	1056	1561	2068	2647	3317	4103
14' - 0"	Precast	323	566	992	1461	1928	2456	3062	3764

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12" LINTEL SAFE UPLIFT LOADS (PLF), $F_y = 60\text{ksi}$

LENGTH	TYPE	12x8-S-2T	12x12-S-2T	12x16-S-2T	12x20-S-2T	12x24-S-2T	12x28-S-2T	12x32-S-2T
2' - 10"	Precast	4043	10000	9013*	10000*	10000*	10000*	10000*
3' - 6"	Precast	2790	7426	10000	8620*	10000*	10000*	10000*
4' - 0"	Precast	2264	5555	10000	10000	9004*	10000*	10000*
4' - 6"	Precast	1904	4436	8722	10000	10000	9304*	10000*
5' - 4"	Precast	1506	3322	5980	10000	10000	10000	8766*
5' - 10"	Precast	1338	2887	5031	8046	10000	10000	10000
6' - 6"	Precast	1165	2458	4152	6344	9326	10000	8816
7' - 6"	Precast	975	2009	3290	4815	6900	8323	6527
8' - 6"	Precast	898	1766	2805	3977	5484	7513	8839
9' - 4"	Precast	804	1564	2451	3419	4618	6154	7278
10' - 6"	Precast	700	1348	2083	2858	3781	4877	5703
11' - 4"	Precast	642	1227	1881	2558	3348	4166	4872
12' - 0"	Precast	579	1144	1746	2360	3067	3703	4331
13' - 4"	Precast	444	968	1472	1974	2478	2983	3488
14' - 0"	Precast	389	875	1332	1786	2242	2699	3156

* LINTEL MEETS DEEP BEAM CRITERIA



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12" LINTEL SAFE GRAVITY & UPLIFT LOAD TABLE

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PROFESSIONAL ENGINEER
ENGINEER SEAL

OCT 16 2017

SHT. NO. SK12 of 14

8", 8" RECESS, AND 12" LINTEL SAFE LATERAL LOADS (PLF)

LENGTH	TYPE	8x8-P	8x8-S	8x6R-P	8x6R-S	12x8-P	12x8-S
2' - 10"	Precast	1105	2103	NA	NA	2396	6471
3' - 6"	Precast	689	1310	NA	NA	1660	6471
3' - 8"	Precast	NA	NA	689	1185	NA	NA
4' - 0"	Precast	514	977	570	979	1349	4665
4' - 4"	Precast	NA	NA	479	823	NA	NA
4' - 6"	Precast	398	757	441	758	1136	3648
5' - 4"	Precast	430	836	NA	NA	900	2675
5' - 8"	Precast	NA	NA	418	733	NA	NA
5' - 10"	Precast	356	690	393	689	800	2306
6' - 6"	Precast	410	818	NA	NA	697	1857
6' - 8"	Precast	NA	NA	389	783	NA	NA
7' - 0"	Precast	NA	NA	386	694	NA	NA
7' - 6"	Precast	303	606	334	601	556	1375
8' - 6"	Precast	234	467	NA	NA	491	1228
9' - 4"	Precast	192	384	NA	NA	404	1012
9' - 8"	Precast	NA	NA	197	354	NA	NA
10' - 6"	Precast	151	301	NA	NA	317	793
11' - 4"	Precast	199	417	NA	NA	270	677
12' - 0"	Precast	177	370	NA	NA	240	602
13' - 4"	Precast	134	298	NA	NA	194	485
14' - 0"	Precast	130	322	NA	NA	175	439
14' - 8"	Prestressed	NA	283	NA	NA	NA	NA
15' - 4"	Prestressed	NA	252	NA	NA	NA	NA
17' - 4"	Prestressed	NA	183	NA	NA	NA	NA
19' - 4"	Prestressed	NA	167	NA	NA	NA	NA
21' - 4"	Prestressed	NA	129	NA	NA	NA	NA
22' - 0"	Prestressed	NA	120	NA	NA	NA	NA
24' - 0"	Prestressed	NA	96	NA	NA	NA	NA



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8", 8" RECESS & 12" LINTEL SAFE LATERAL LOAD TABLE

Pro-Crete Materials Corporation

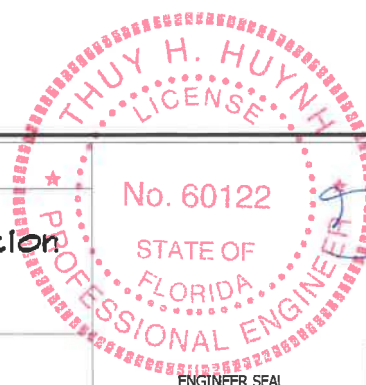
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OCT 16 2017

SHT. NO.

SK13 of 14

8" AND 12" LINTEL STEEL REINFORCEMENT SCHEDULE

LENGTH	TYPE	8" LINTEL		12" LINTEL	
		TOP STEEL	BOTTOM STEEL	TOP STEEL	BOTTOM STEEL
2' - 10"	Precast	2 - #2	2 - #2	2 - #2	2 - #5
3' - 6"	Precast	2 - #2	2 - #2	2 - #2	2 - #5
4' - 0"	Precast	2 - #2	2 - #2	2 - #2	2 - #5
4' - 6"	Precast	2 - #2	2 - #2	2 - #2	2 - #5
5' - 4"	Precast	2 - #2	2 - #3	2 - #2	2 - #5
5' - 10"	Precast	2 - #2	2 - #3	2 - #2	2 - #5
6' - 6"	Precast	2 - #2	2 - #4	2 - #2	2 - #5
7' - 6"	Precast	2 - #2	2 - #4	2 - #2	2 - #5
8' - 6"	Precast	2 - #2	2 - #4	2 - #3	2 - #5
9' - 4"	Precast	2 - #2	2 - #4	2 - #3	2 - #5
10' - 6"	Precast	2 - #2	2 - #4	2 - #3	2 - #5
11' - 4"	Precast	2 - #3	2 - #5	2 - #3	2 - #5
12' - 0"	Precast	2 - #3	2 - #5	2 - #3	2 - #5
13' - 4"	Precast	2 - #3	2 - #5	2 - #3	2 - #5
14' - 0"	Precast	2 - #4	2 - #5	2 - #3	2 - #5
14' - 8"	Prestressed	2 - #3	2 - #5 2 - 7/16" strand	NA	NA
15' - 4"	Prestressed	2 - #3	2 - #5 2 - 7/16" strand	NA	NA
17' - 4"	Prestressed	2 - #3	2 - #5 2 - 7/16" strand	NA	NA
19' - 4"	Prestressed	2 - #4	2 - #5 2 - 7/16" strand	NA	NA
21' - 4"	Prestressed	2 - #4	2 - #5 2 - 7/16" strand	NA	NA
22' - 0"	Prestressed	2 - #4	2 - #5 2 - 7/16" strand	NA	NA
24' - 0"	Prestressed	2 - #4	2 - #5 2 - 7/16" strand	NA	NA

8" RECESS LINTEL STEEL REINFORCEMENT SCHEDULE

LENGTH	TYPE	TOP STEEL	BOTTOM STEEL
3' - 8"	Precast	2 - #2	2 - #2
4' - 0"	Precast	2 - #2	2 - #2
4' - 4"	Precast	2 - #2	2 - #2
4' - 6"	Precast	2 - #2	2 - #2
5' - 8"	Precast	2 - #2	2 - #3
5' - 10"	Precast	2 - #2	2 - #3
6' - 8"	Precast	2 - #2	2 - #4
7' - 0"	Precast	2 - #2	2 - #4
7' - 6"	Precast	2 - #2	2 - #4
9' - 8"	Precast	2 - #2	2 - #4



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8" & 12" LINTEL STEEL REINFORCEMENT SCHEDULE

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