



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytx.gov

☐

Right of Way Permit

☒

Commercial Driveway Permit

Permit No: 2017-12252

Applicant: Teal Construction Company

Job Location Site: 2700 Spring Green Boulevard, Katy, TX 77494

Bond No. 0050700 **Date of Bond:** 6/8/2017 **Amount:** \$10,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 27th day of June, 2017, Upon Motion of Commissioner Morales, seconded by Commissioner Prestage, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

Presented to Commissioners Court and approved.

By: Charles O. Ay
for County Engineer

Date Recorded 7-5-2017 Comm. Court No. 140

N/A

Clerk of Commissioners Court

By:

Drainage District Engineer/Manager

By:

Deputy



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

- ☐ Right of Way Permit
☒ Commercial Driveway Permit

Permit No: 2017-12252

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
☒ b. Vicinity map showing course of directions
☒ c. Plans and specifications

(2) BOND:

- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: _____ Amount: _____
- ☒ Performance bond submitted. Bond [REDACTED] Amount: \$10,000.00
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

We have reviewed this project and agree it meets minimum requirements.

Charles O. Ay

Permit Administrator

6/19/17

Date



**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD,
COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS
(AUTHORIZED)**

BOND NO. 0050700

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Teal Construction Company whose (address, phone) is 1335 Brittmoore, Houston, TX, 77043, 713-465-8306, hereinafter called the Principal, and North American Specialty Insurance Company, a Corporation existing under and by virtue of the laws of the state of NH and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at (name/address/phone) 650 Elm Street, Manchester, NH 03101, 603-644-6600, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is Mike Juneau and whose address is 3050 Post Oak Blvd., Suite 850, Houston, TX 77056, hereinafter called the Surety, and held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Ten Thousand and 00/100 Dollars (\$ 10,000.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

EXECUTED this 8th day of June , 2017 .

Teal Construction Company
PRINCIPAL

BY 

North American Specialty Insurance Company
SURETY

BY  Tabitha Starkey, Attorney-In-Fact

CCM 6-27-17 # 140
Fort Bend County Clerk
Return Admin Serv Coord

****This Bond is issued with a 1 year term commencing on June 8, 2017, and terminating on June 8, 2018, unless cancelled in writing by the surety. ****

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Manchester, New Hampshire, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Schaumburg, Illinois, each does hereby make, constitute and appoint:

DAVID G. MICLETTE, DAVID T. MICLETTE, BARRY McCORD, ROBERT C. DAVIS, KRISTI LOVETT, ASHLEY BRITT,
JONI BOWEN, EDWARD G. BRITT, JR., TABITHA STARKEY, JENNIE GOONIE and NIKOLE JEANNETTE

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9th of May, 2012:

"RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By [Signature]
Steven P. Anderson, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company



By [Signature]
Michael A. Ito, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company

IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 26th day of May, 2017.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 26th day of May, 2017, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Michael A. Ito, Vice President of Washington International Insurance Company and Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature]
M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 8th day of June, 2017.

[Signature]
Jeffrey Goldberg, Vice President & Assistant Secretary of
Washington International Insurance Company & North American Specialty Insurance Company

IMPORTANT NOTICE

In order to obtain information or make a complaint:

You may contact **Jeffrey Goldberg, Vice President - Claims**, at **1-800-338-0753**.

You may call **Washington International Insurance Company and/or North American Specialty Insurance Company's** toll-free number for information or to make a complaint at:

1-800-338-0753

You may also write to **Washington International Insurance Company and/or North American Specialty Insurance Company** at the following address:

**1450 American Lane, Suite 1100
Schaumburg, IL 60173**

You may contact the **Texas Department of Insurance** to obtain information on companies, coverages, rights or complaints at:

1- 800-252-3439

You may write the **Texas Department of Insurance**:

**P.O. Box 149104
Austin, TX 78714-9104
Fax: (512) 475-1771
Web: <http://www.tdi.state.tx.us>
E-mail: ConsumerProtection@tdi.state.tx.us**

PREMIUM OR CLAIM DISPUTES:

Should you have a dispute concerning your premium or about a claim you should first contact the **Washington International Insurance Company and/or North American Specialty Insurance Company**. If the dispute is not resolved, you may contact the Texas Department of Insurance.

ATTACH THIS NOTICE TO YOUR POLICY:

This notice is for information only and does not become a part or condition of the attached document.

AVISO IMPORTANTE

Para obtener informacion o para someter un queja:

Puede comunicarse con **Jeffrey Goldberg, Vice President - Claims**, al **1-800-338-0753**.

Usted puede llamar al numero de telefono gratis de **Washington International Insurance Company and/or North American Specialty Insurance Company's** para informacion o para someter una queja al:

1-800-338-0753

Usted tambien puede escribir a **Washington International Insurance Company and/or North American Specialty Insurance Company** al:

**1450 American Lane, Suite 1100
Schaumburg, IL 60173**

Puede escribir al **Departamento de Seguros de Texas** para obtener informacion acerca de companias, coberturas, derechos o quejas al:

1- 800-252-3439

Puede escribir al **Departamento de Seguros de Texas**:

**P.O. Box 149104
Austin, TX 78714-9104
Fax: (512) 475-1771
Web: <http://www.tdi.state.tx.us>
E-mail: ConsumerProtection@tdi.state.tx.us**

DISPUTAS SOBRE PRIMAS O RECLAMOS:

Si tiene una disputa concerniente a su prima o a un reclamo, debe comunicarse con el **Washington International Insurance Company and/or North American Specialty Insurance Company** primero. Si no se resuelve la disputa, puede entonces comunicarse con el Departamento de Seguros de Texas.

UNA ESTE AVISO A SU POLIZA:

Este aviso es solo para proposito de informacion y no se convierte en parte o condicion del documento adjunto.

FILED AND RECORDED
OFFICIAL PUBLIC RECORDS

Laura Richard



Laura Richard, County Clerk
Fort Bend County, Texas

July 05, 2017 02:12:35 PM

FEE: \$0.00 EM
BOND

2017074602

FIRE STATION NO. 3

JUNE 22, 2016
BRW PROJECT #215150.00

FORT BEND COUNTY ESD 2

BROWN REYNOLDS WATFORD ARCHITECTS, INC.
2700 PARK RIDGE DRIVE SOUTH, SUITE 4000
COLLEGE STATION, TEXAS 77905
(979) 594-1711

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


























































O'MALLEY STRAND ASSOCIATES, INC.
203 S. JACKSON
BRENNHAM, TEXAS 77833

GESSNER ENGINEERING

JORDAN & SKALA ENGINEERS, INC.

11

SYMBOL LEGEND

	NORTH ARROWS
	PLAY TIME
	PROPERTY LINE
	SETBACK LINE
	BUILDING EXTENSION AND ADDITION
	ZONING CONTROLS
	FENCED CONTOURS
	FENCED SPOT ELEVATION
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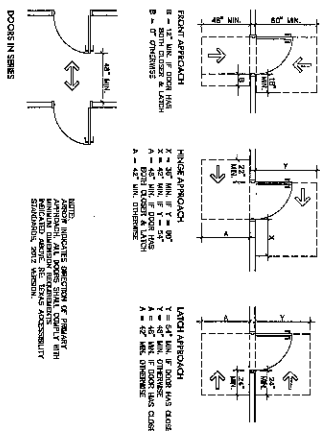
NOTE: ILS 43.3 FOR ACCESSIBLE MOUNTING HENRT REQUIREMENTS FOR ACCESSIBLE AND EQUIPMENT

#	TITLE	SCALE	DATE
1	BUILDING SECTION	1/4"=1'	
2	WALL SECTION	1/4"=1'	

ARCHITECTURAL ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR
C.O.	CORNER JOINT
Q.U.A.R.	QUARTER
D.M.	DOWN
E.L.	EDGEMAN JOINT
F.F.	FINISH FLOOR
F.V.	FIELD VERRY
J-BOX	JUNCTION BOX
M.O.	MASSING OPENING
M.N.	MANHOLE
M.N.	MANHOLE
N.C.	NOT IN CONTRACT
O.C.L.E.W.	ON CENTER (JOIST WAY)
O.C.O.	ON CENTER (JOIST WAY)
R.C.	ROUGH OPENING
R.O.	ROUGH OPENING
S.H.	SHOULDER
S.H.	SHOULDER
T.P.	TOP OF
T.P.	TOP OF
W.D.	WIND BRACE
W.D.	WIND BRACE
W.P.	WORKING PLANT
W.P.	WORKING PLANT

DOOR CLEARANCE



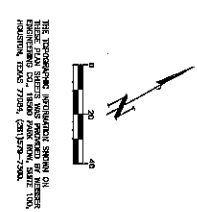
INDEX OF DRAWINGS

[illegible]VICINITY MAP - KEY MAP GRID #484N
T = 2100-0°

NORTH

COPYRIGHT © 2014 BROWN REYNOLDS WATFORD ARCHITECTS, INC.

T1:

[illegible]

14-000000	TOP OF FINISH
15-000000	TOP OF SUBGRADE
16-000000	FINISHED GRADE
17-000000	TOP OF DRIVE INLET
18-000000	FLOW LINE
19-000000	THICK SIGNALS

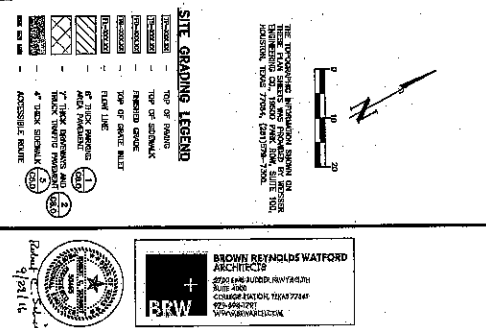
NO.	REVISION	DATE

COPYRIGHT © 2016
BROWN REYNOLDS WATFORD ARCHITECTS, INC.
DATE 06/28/16
DRAWN BY
CHECKED BY
PROJECT NO. 215160.00



SITE GRADING PLAN

C2.0



SITE GRADING PLAN II

C2.1

WILLOWFORK
FIRE STATION No. 3
2700 SPRING GREEN BLVD
KATY, TX 77494

COPYRIGHT © 2016
 BROWN REYNOLDS WATFORD ARCHITECTS, INC.
 DATE 06/28/16
 DRAWN BY
 CHECKED BY
 PROJECT NO. 215150.00



STRAND ASSOCIATES
 OSA JOB NO. 39515017



Robert C. Silver
9/29/16

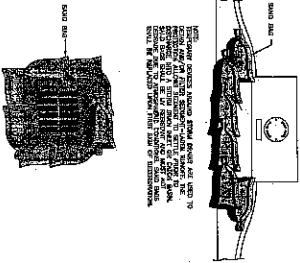


**BROWN REYNOLDS WATFORD
ARCHITECTS**
2720 FINE JUDDE HWY #200
SUITE 4000
COMMERCE STATION, TEXAS 77461
972-996-1291
WWW.BRWARCHITECT.COM

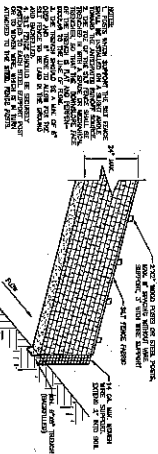
EROSION CONTROL NOTES:

1. CONSTRUCTION SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MEASURES AND PLANNING IN ACCORDANCE WITH PROJECT TECHNICAL SPECIFICATIONS AND EROSION CONTROL MANUAL. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION, GRADING, OR CONSTRUCTION ACTIVITIES. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL BE REMOVED OR MODIFIED AS NECESSARY.
2. EROSION CONTROL MEASURES SHALL BE DESIGNED BY THE ENGINEER AND SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
3. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION, GRADING, OR CONSTRUCTION ACTIVITIES. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL BE REMOVED OR MODIFIED AS NECESSARY.
4. IF DAMAGED OR RENDERED INEFFECTIVE, THE EROSION AND SEDIMENT CONTROLS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
5. WHEN PLACING OR REMOVING EXISTING STORM SEWER, THE EXISTING STORM SEWER SHALL BE PROTECTED BY A PROPERLY DESIGNED AND CONSTRUCTED EROSION CONTROL MEASURE. THE EXISTING STORM SEWER SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
6. IF THE EXISTING STORM SEWER IS DAMAGED OR RENDERED INEFFECTIVE, THE EXISTING STORM SEWER SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
7. AFTER PAVING COMPLETION, EXISTING GROUND SURFACES SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. EXISTING GROUND SURFACES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
8. CONCRETE TRUCKS WILL NOT BE ALLOWED TO TRAVEL ON EXISTING GROUND SURFACES OR EXCAVATION AREAS. CONCRETE TRUCKS SHALL BE WASHED AT A PROPERLY DESIGNED AND CONSTRUCTED WASHING AREA.
9. EROSION AND SEDIMENT CONTROL MEASURES THAT ARE DAMAGED OR RENDERED INEFFECTIVE SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
10. MAINTENANCE AND REPAIRS SHALL BE CONDUCTED WITHIN 24 HOURS OF INSPECTION REPORT.

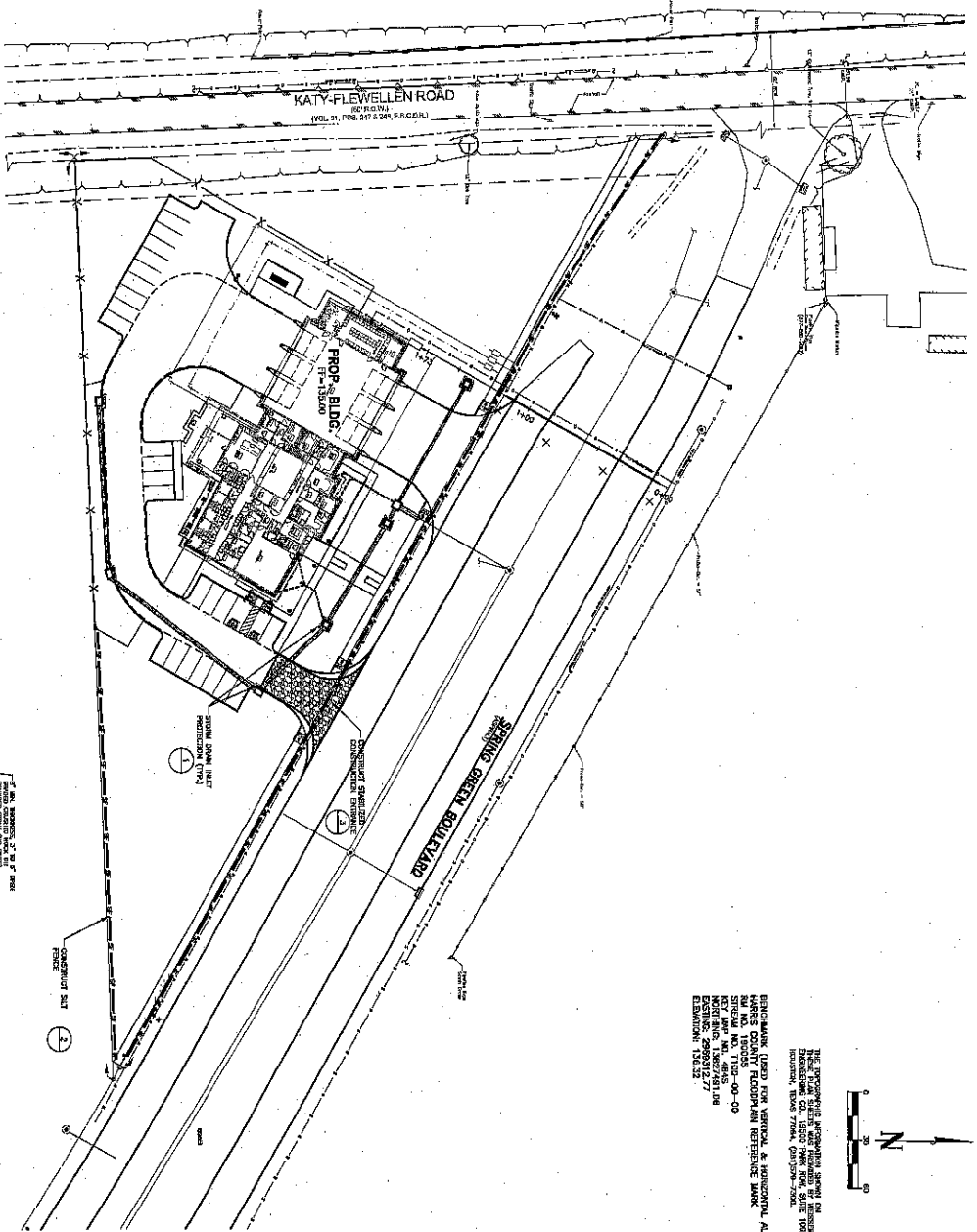
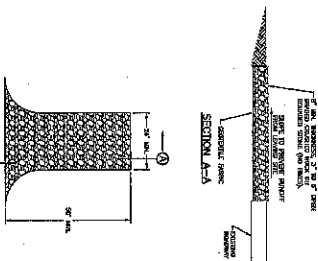
1 STORM DRAIN INLET PROTECTION



2 SILT FENCE



3 STABILIZED CONSTRUCTION ENTRANCE



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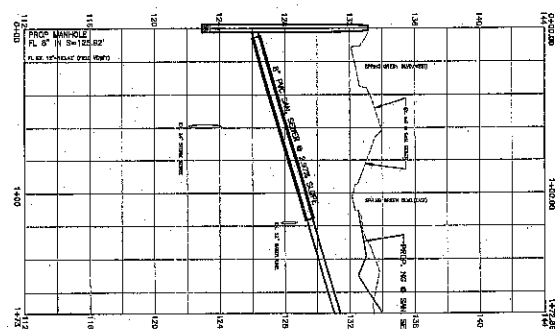
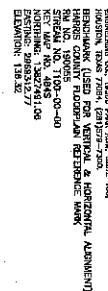
EROSION CONTROL PLAN

NO.	REVISION	DATE

WILLOWFORK
FIRE STATION No. 3
2700 SPRING GREEN BLVD
KATY, TX 77494

COPYRIGHT © 2014
BROWN REYNOLDS WAYFORD ARCHITECTS, INC.
DATE: 06/26/16
DRAWN BY:
CHECKED BY:
PROJECT NO.: 21515002





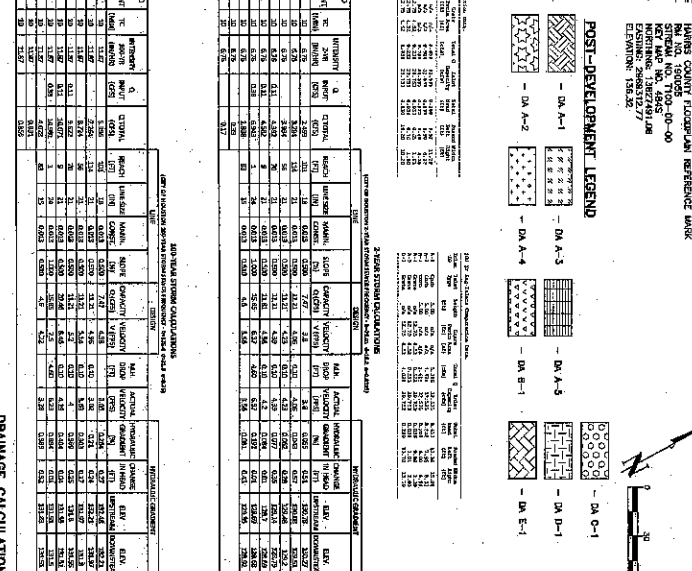
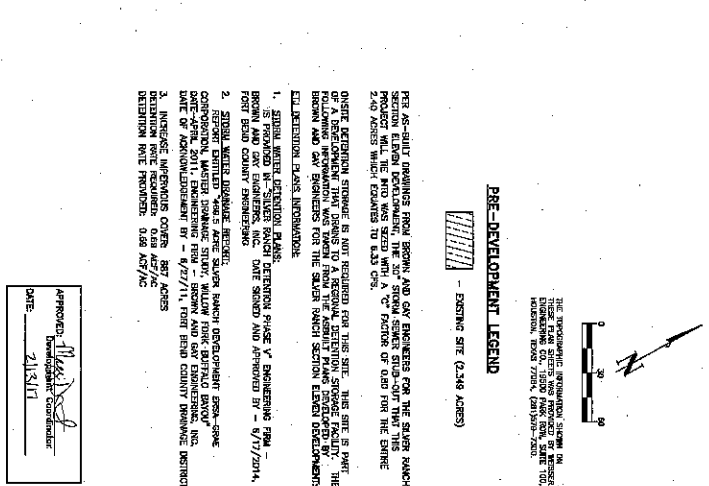


**BROWN REYNOLDS WATFORD
ARCHITECTS**
 2700 EARL KLEIDER HWY SOUTH
 SUITE 4000
 ADDICKS STATION, TEXAS 77466
 979-462-1797
www.brwa.com

	(B)
	(1230)
①	CONSTRUCT ST. MANHOLE ON EX. 1ST AND 2ND SPUR LINES TO BE INSTALLED BY AND FOR OWNER TO PERFORM FILL. APPROXIMATE R/L 12+72.52 (AT YIELD VARIOUS)
	R/L 6" S=120.02
②	INSTALL 110 IN. ØF ASUM D-2241 250'-26" LONG LINE BY BENTON. ADJUST TO BENTON POINT, 1ST BENTON CROSS.
③	CENTERLINE ONE FULL 2200' OF CENTER LINE ON WATER LANE.
④	ASUM D-2241: 250'-26" P/C
⑤	INSTALL 8"ØF REDUCER, Ø" SERVICE W/TE & Ø" 4" ØF BEND
⑥	INSTALL 8"ØF REDUCER AND CONNECT TO Ø" SPLIT-OUT

[illegible]

C3.0



100-YEAR STORM CALCULATIONS

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11	A-12	A-13	A-14	A-15	A-16	A-17	A-18	A-19	A-20	A-21	A-22	A-23	A-24	A-25	A-26	A-27	A-28	A-29	A-30	A-31	A-32	A-33	A-34	A-35	A-36	A-37	A-38	A-39	A-40	A-41	A-42	A-43	A-44	A-45	A-46	A-47	A-48	A-49	A-50	A-51	A-52	A-53	A-54	A-55	A-56	A-57	A-58	A-59	A-60	A-61	A-62	A-63	A-64	A-65	A-66	A-67	A-68	A-69	A-70	A-71	A-72	A-73	A-74	A-75	A-76	A-77	A-78	A-79	A-80	A-81	A-82	A-83	A-84	A-85	A-86	A-87	A-88	A-89	A-90	A-91	A-92	A-93	A-94	A-95	A-96	A-97	A-98	A-99	A-100	A-101	A-102	A-103	A-104	A-105	A-106	A-107	A-108	A-109	A-110	A-111	A-112	A-113	A-114	A-115	A-116	A-117	A-118	A-119	A-120	A-121	A-122	A-123	A-124	A-125	A-126	A-127	A-128	A-129	A-130	A-131	A-132	A-133	A-134	A-135	A-136	A-137	A-138	A-139	A-140	A-141	A-142	A-143	A-144	A-145	A-146	A-147	A-148	A-149	A-150	A-151	A-152	A-153	A-154	A-155	A-156	A-157	A-158	A-159	A-160	A-161	A-162	A-163	A-164	A-165	A-166	A-167	A-168	A-169	A-170	A-171	A-172	A-173	A-174	A-175	A-176	A-177	A-178	A-179	A-180	A-181	A-182	A-183	A-184	A-185	A-186	A-187	A-188	A-189	A-190	A-191	A-192	A-193	A-194	A-195	A-196	A-197	A-198	A-199	A-200	A-201	A-202	A-203	A-204	A-205	A-206	A-207	A-208	A-209	A-210	A-211	A-212	A-213	A-214	A-215	A-216	A-217	A-218	A-219	A-220	A-221	A-222	A-223	A-224	A-225	A-226	A-227	A-228	A-229	A-230	A-231	A-232	A-233	A-234	A-235	A-236	A-237	A-238	A-239	A-240	A-241	A-242	A-243	A-244	A-245	A-246	A-247	A-248	A-249	A-250	A-251	A-252	A-253	A-254	A-255	A-256	A-257	A-258	A-259	A-260	A-261	A-262	A-263	A-264	A-265	A-266	A-267	A-268	A-269	A-270	A-271	A-272	A-273	A-274	A-275	A-276	A-277	A-278	A-279	A-280	A-281	A-282	A-283	A-284	A-285	A-286	A-287	A-288	A-289	A-290	A-291	A-292	A-293	A-294	A-295	A-296	A-297	A-298	A-299	A-300	A-301	A-302	A-303	A-304	A-305	A-306	A-307	A-308	A-309	A-310	A-311	A-312	A-313	A-314	A-315	A-316	A-317	A-318	A-319	A-320	A-321	A-322	A-323	A-324	A-325	A-326	A-327	A-328	A-329	A-330	A-331	A-332	A-333	A-334	A-335	A-336	A-337	A-338	A-339	A-340	A-341	A-342	A-343	A-344	A-345	A-346	A-347	A-348	A-349	A-350	A-351	A-352	A-353	A-354	A-355	A-356	A-357	A-358	A-359	A-360	A-361	A-362	A-363	A-364	A-365	A-366	A-367	A-368	A-369	A-370	A-371	A-372	A-373	A-374	A-375	A-376	A-377	A-378	A-379	A-380	A-381	A-382	A-383	A-384	A-385	A-386	A-387	A-388	A-389	A-390	A-391	A-392	A-393	A-394	A-395	A-396	A-397	A-398	A-399	A-400	A-401	A-402	A-403	A-404	A-405	A-406	A-407	A-408	A-409	A-410	A-411	A-412	A-413	A-414	A-415	A-416	A-417	A-418	A-419	A-420	A-421	A-422	A-423	A-424	A-425	A-426	A-427	A-428	A-429	A-430	A-431	A-432	A-433	A-434	A-435	A-436	A-437	A-438	A-439	A-440	A-441	A-442	A-443	A-444	A-445	A-446	A-447	A-448	A-449	A-450	A-451	A-452	A-453	A-454	A-455	A-456	A-457	A-458	A-459	A-460	A-461	A-462	A-463	A-464	A-465	A-466	A-467	A-468	A-469	A-470	A-471	A-472	A-473	A-474	A-475	A-476	A-477	A-478	A-479	A-480	A-481	A-482	A-483	A-484	A-485	A-486	A-487	A-488	A-489	A-490	A-491	A-492	A-493	A-494	A-495	A-496	A-497	A-498	A-499	A-500	A-501	A-502	A-503	A-504	A-505	A-506	A-507	A-508	A-509	A-510	A-511	A-512	A-513	A-514	A-515	A-516	A-517	A-518	A-519	A-520	A-521	A-522	A-523	A-524	A-525	A-526	A-527	A-528	A-529	A-530	A-531	A-532	A-533	A-534	A-535	A-536	A-537	A-538	A-539	A-540	A-541	A-542	A-543	A-544	A-545	A-546	A-547	A-548	A-549	A-550	A-551	A-552	A-553	A-554	A-555	A-556	A-557	A-558	A-559	A-560	A-561	A-562	A-563	A-564	A-565	A-566	A-567	A-568	A-569	A-570	A-571	A-572	A-573	A-574	A-575	A-576	A-577	A-578	A-579	A-580	A-581	A-582	A-583	A-584	A-585	A-586	A-587	A-588	A-589	A-590	A-591	A-592	A-593	A-594	A-595	A-596	A-597	A-598	A-599	A-600	A-601	A-602	A-603	A-604	A-605	A-606	A-607	A-608	A-609	A-610	A-611	A-612	A-613	A-614	A-615	A-616	A-617	A-618	A-619	A-620	A-621	A-622	A-623	A-624	A-625	A-626	A-627	A-628	A-629	A-630	A-631	A-632	A-633	A-634	A-635	A-636	A-637	A-638	A-639	A-640	A-641	A-642	A-643	A-644	A-645	A-646	A-647	A-648	A-649	A-650	A-651	A-652	A-653	A-654	A-655	A-656	A-657	A-658	A-659	A-660	A-661	A-662	A-663	A-664	A-665	A-666	A-667	A-668	A-669	A-670	A-671	A-672	A-673	A-674	A-675	A-676	A-677	A-678	A-679	A-680	A-681	A-682	A-683	A-684	A-685	A-686	A-687	A-688	A-689	A-690	A-691	A-692	A-693	A-694	A-695	A-696	A-697	A-698	A-699	A-700	A-701	A-702	A-703	A-704	A-705	A-706	A-707	A-708	A-709	A-710	A-711	A-712	A-713	A-714	A-715	A-716	A-717	A-718	A-719	A-720	A-721	A-722	A-723	A-724	A-725	A-726	A-727	A-728	A-729	A-730	A-731	A-732	A-733	A-734	A-735	A-736	A-737	A-738	A-739	A-740	A-741	A-742	A-743	A-744	A-745	A-746	A-747	A-748	A-749	A-750	A-751	A-752	A-753	A-754	A-755	A-756	A-757	A-758	A-759	A-760	A-761	A-762	A-763	A-764	A-765	A-766	A-767	A-768	A-769	A-770	A-771	A-772	A-773	A-774	A-775	A-776	A-777	A-778	A-779	A-780	A-781	A-782	A-783	A-784	A-785	A-786	A-787	A-788	A-789	A-790	A-791	A-792	A-793	A-794	A-795	A-796	A-797	A-798	A-799	A-800	A-801	A-802	A-803	A-804	A-805	A-806	A-807	A-808	A-809	A-810	A-811	A-812	A-813	A-814	A-815	A-816	A-817	A-818	A-819	A-820	A-821	A-822	A-823	A-824	A-825	A-826	A-827	A-828	A-829	A-830	A-831	A-832	A-833	A-834	A-835	A-836	A-837	A-838	A-839	A-840	A-841	A-842	A-843	A-844	A-845	A-846	A-847	A-848	A-849	A-850	A-851	A-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[illegible]

POST-DEVELOPMENT LEGEND

- DA-1
- DA-2
- DA-3
- DA-4
- DA-5
- DA-6
- DA-7
- DA-8
- DA-9
- DA-10
- DA-11
- DA-12



 HARRIS COUNTY FLOODPLAIN REFERENCE MARK
 ROAD NO. 1000-00-00
 REF. MAP NO. 44-65
 SECTION 10, T100N, R100E
 EASTING: 298312.77
 ELEVATION: 134.32

BENCHMARK (USED FOR VERTICAL & HORIZONTAL ALIGNMENT)

DATE: 4/15/11

APPROVED: 11/24/17
Developmental Coordinator

3

PREPAID, INCURRED COSTS	\$67 / MONTH
DEFINITION RATE REQUIRED	0.69 A57/AC
DEFINITION RATE PROVIDED	0.66 A57/AC

3. INTEREST INFORMATION: NOT APPLICABLE

2. **STORM WATER DRAINAGE IMPROVEMENT REPORT** ENTITLED "460.5 ACRE SILVER RANCH DEVELOPMENT AREA, GRAVE CORPORATION, MASTER DRAINAGE STUDY, WILLON FORK BUFFALO CANYON"

DESIGNED BY: BRIDGES AND GUY ENGINEERS, INC.
DATE: 6/17/2014
DRAWN BY: PORT BEARD COUNTY ENGINEERING

1. SILVER WATER DETENTION PLANT.
IS PROVIDED IN SILVER RANCH DETENTION PHASE V ENGINEERING PLAN -

FTI DETENTION PLANS INFORMATION:
 FOLLOWING INFORMATION WAS TAKEN FROM THE ASSEMBLY PLANS DEVELOPED BY
 BROWN AND GAY ENGINEERS FOR THE SILVER RANCH SECTION ELEVEN DEVELOPMENT:

ON-SITE DETENTION STORAGE IS NOT REQUIRED FOR THIS SITE. THIS SITE IS PART OF A DEVELOPMENT THAT DRAINS TO A REMEDIAL DETENTION STORAGE FACILITY. THE

PROJECT WILL BE KNO WAS SIZED WITH A "C" FACTOR OF 0.80 FOR THE ENTIRE PROJECT AREA WHICH EQUATES TO 6.33 CFS.

PER AS-BUILT DRAWINGS FROM BROWN AND OAY ENGINEERS FOR THE SILVER RANCH SECTION ELBOW DEVELOPMENT. THE 30" STORM SEWER RUN-OUT THAT THIS

FORMERLY, BARNETT, 1962

 = EXISTING SITE (9,340 ACRES)

PRE-DEVELOPMENT | LEGEND

THESE PLAN SHEETS WERE PRODUCED BY WESSER ENGINEERING CO., 19500 PARK BLVD., SUITE 100, HOLISTON, MASS 01924. (201) 538-7200.

[illegible][illegible]

WILLOWFORK
FIRE STATION No. 3
2700 SPRING GREEN BLVD
KATY, TX 77494

DATE 06/28/16
DRAWN BY
CHECKED BY
PROJECT NO. 21.51.50.00

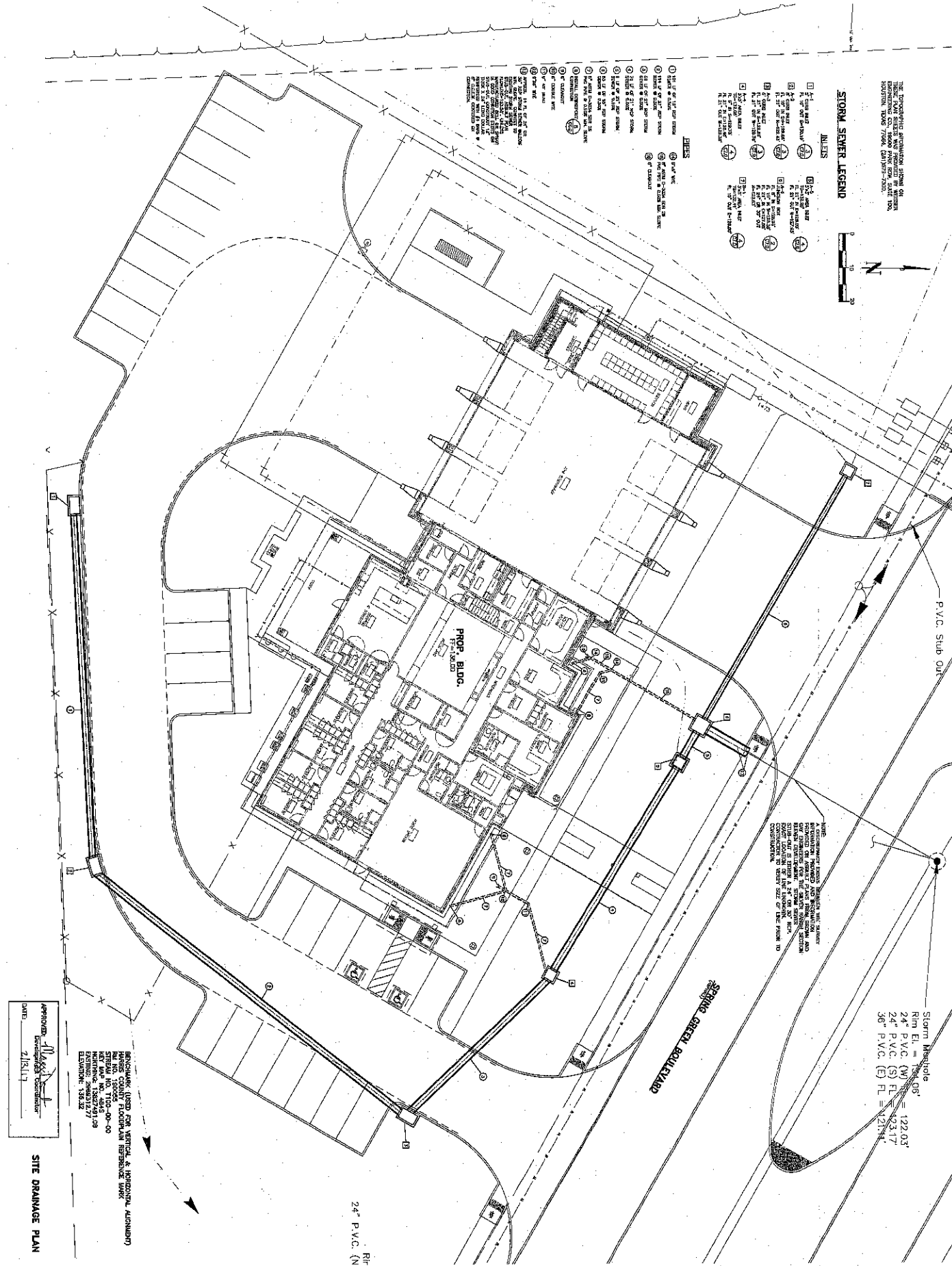


STRAND ASSOCIATES
ONE JOE M.
3935.D17




**BROWN REYNOLDS WATFORD
ARCHITECTS**
2222 EAST FLORISSANT AVE
SUITE 4000
COLLEGE SPRING, TEXAS 77840
979-574-1211
WWW.BRWATFORD.COM

1



SITE DRAINAGE PLAN

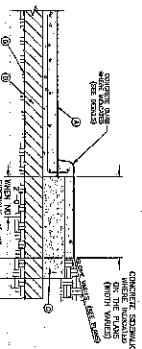
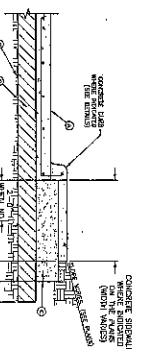
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WILLOWFORK
FIRE STATION No. 3
2700 SPRING GREEN BLVD
KATY, TX 77494

DATE 06/28/16
DRAWN BY
CHECKED BY
PROJECT NO. 215150.00



C5.0

[illegible][illegible]

NOTES:
1.) ABOVE DEPOSIT APPLIES TO ALL CONTRACTS PAID ASSES, EXCEPT REMOVAL OF
INCLUDING WALKER BUILDING, APHROS, HIGHWAYS AND DRIVE.
2.) THIS DEPOSIT ALSO APPLIES TO DUBS-STER AREA

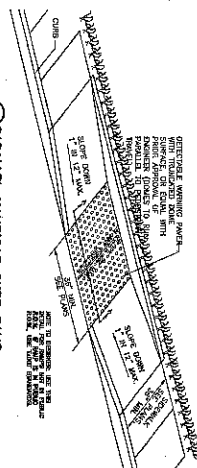
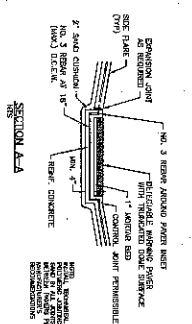


Diagram illustrating a truncated dome surface with a diameter of 6 inches and a height of 2 inches. The dome is shown with a grid of points on its surface, indicating a structured or segmented design.

[illegible]

REMOVE PLASTIC CAP STRIP AND INSTALL SPECIFIED SEALANT

NOTE: RAINED JOISTS SHALL BE RECONSTRUCTED AS SOON AS POSSIBLE WITHOUT DAMAGE TO THE PAYMENT RECEIVABLE. TIME OF DAY OR WEATHER CONDITIONS AND SHALL BE COMPLETED WITHIN 24-HOURS OF CONCRETE PLACEMENT.

Diagram illustrating the edge detail of a concrete slab. The slab is shown with a 1/4" R (radius) at the edge. The reinforcement consists of 1/2" bars spaced at 12" (1/2" @ 12"). The slab is supported by a 1/2" thick joint sealant. The edge is finished with a 1/2" thick joint sealant. The slab is shown with a 1/4" R (radius) at the edge. The reinforcement consists of 1/2" bars spaced at 12" (1/2" @ 12"). The slab is supported by a 1/2" thick joint sealant. The edge is finished with a 1/2" thick joint sealant.

[illegible]

SEE CONCRETE PAWMENT
COMPLETES THICKNESS

SEE CONCRETE PAWMENT
SECTION FOR REINFORCEMENT
SIZE AND SPACING

MAINTAIN FINISH FOR EXISTING WALKER CLIMB
SLOPE AT 1:4 MINIMUM AND
SPEL WARE THE SLOPE DURING DEMOLITION

10. MONOLITHICALLY-POURED CONCRETE

CONCRETE SIDEWALK

10 MONOLITHICALLY-POURED CONCRETE CURB & NEW PAVEMENT

511

[illegible]

FOR THE CONTRACTOR'S USE ONLY

DATE: _____

PROJECT: _____

LOCATION: _____

APPROVED BY: _____

DATE: _____

FOR THE ENGINEER'S USE ONLY

DATE: _____

PROJECT: _____

LOCATION: _____

APPROVED BY: _____

DATE: _____

FOR THE ENGINEER'S USE ONLY

DATE: _____

PROJECT: _____

LOCATION: _____

APPROVED BY: _____

DATE: _____

SECTION 1. GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE BOARD OF SUPERVISORS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS-OF-WAY.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES.
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE THROUGHOUT THE PROJECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL DEBRIS.
7. THE CONTRACTOR SHALL MAINTAIN ADEQUATE EROSION CONTROL MEASURES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND PLANTS.
9. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES THROUGHOUT THE PROJECT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING STRUCTURES.

SECTION 2. MATERIALS

ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.

ALL AGGREGATES SHALL BE WASHED AND FREE FROM FINE MATERIAL.

ALL ASPHALT SHALL BE OF THE BEST QUALITY AVAILABLE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.

ALL CEMENT SHALL BE OF THE BEST QUALITY AVAILABLE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.

SECTION 3. CONSTRUCTION

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE BOARD OF SUPERVISORS.

ALL PAVING SHALL BE DONE IN A SINGLE PASS.

ALL CURBS SHALL BE CAST IN PLACE.

ALL DRAINAGE SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE BOARD OF SUPERVISORS.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.

ALL TREES AND PLANTS SHALL BE PROTECTED AND MAINTAINED THROUGHOUT THE PROJECT.

ALL SAFETY MEASURES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.

ALL EXISTING STRUCTURES SHALL BE PROTECTED AND MAINTAINED THROUGHOUT THE PROJECT.

SECTION 4. MAINTENANCE

ALL MAINTENANCE SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE BOARD OF SUPERVISORS.

ALL MAINTENANCE SHALL BE DONE IN A TIMELY MANNER.

ALL MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE BOARD OF SUPERVISORS.

ALL MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE BOARD OF SUPERVISORS.

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FIGURE 1
TYPICAL DESIGN OF A RECTANGULAR REINFORCED CONCRETE SLAB

Plan View

Section View

Reinforcement Details

Notes:

1. Slab is supported by central column and four corner columns.
2. Slab is subjected to uniformly distributed load.
3. Slab is designed for moment and shear.
4. Slab is designed for deflection.
5. Slab is designed for temperature and shrinkage.
6. Slab is designed for fire resistance.
7. Slab is designed for durability.
8. Slab is designed for accessibility.
9. Slab is designed for safety.
10. Slab is designed for economy.

Figure 1 is a technical drawing showing the typical design of a rectangular reinforced concrete slab. It includes a plan view and a section view. The plan view shows a rectangular slab with dimensions L1 and L2, and a central square area of side 'a'. The section view shows the slab thickness 'h' and the effective depth 'd'. The slab is supported by a central column and four corner columns. The plan view also shows the reinforcement layout with top and bottom bars. The section view shows the reinforcement layout with top and bottom bars. The figure is labeled 'FIGURE 1' and 'TYPICAL DESIGN OF A RECTANGULAR REINFORCED CONCRETE SLAB'.

APPROVED: M. S. A. J.
Development Coordinator

DATE: 7/13/17

GENERAL NOTES FOR SIDEWALKS AND DRIVEWAYS

1. SIDEWALKS SHALL BE CONSTRUCTED TO A MINIMUM OF 10' WIDTHS, UNLESS OTHERWISE NOTED.
2. SIDEWALKS SHALL BE CONSTRUCTED TO A MINIMUM OF 10' WIDTHS, UNLESS OTHERWISE NOTED.
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9. SIDEWALKS SHALL BE CONSTRUCTED TO A MINIMUM OF 10' WIDTHS, UNLESS OTHERWISE NOTED.
10. SIDEWALKS SHALL BE CONSTRUCTED TO A MINIMUM OF 10' WIDTHS, UNLESS OTHERWISE NOTED.

CONSTRUCTION Notes for Sidewalks & Driveways with Curb Ramps

DESIGNED BY: J. B. BROWN, JR. ENGINEER
 APPROVED BY: J. B. BROWN, JR. ENGINEER
 DATE: 11/14/16
 PROJECT NO.: 215150.00

CONSTRUCTION GENERAL NOTES

1. SIDEWALKS SHALL BE CONSTRUCTED TO A MINIMUM OF 10' WIDTHS, UNLESS OTHERWISE NOTED.
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PEDESTRIAN FACILITIES CURB RAMP (SHEET 1 OF 4)

DESIGNED BY: J. B. BROWN, JR. ENGINEER
 APPROVED BY: J. B. BROWN, JR. ENGINEER
 DATE: 11/14/16
 PROJECT NO.: 215150.00

PEDESTRIAN FACILITIES CURB RAMP (SHEET 2 OF 4)

DESIGNED BY: J. B. BROWN, JR. ENGINEER
 APPROVED BY: J. B. BROWN, JR. ENGINEER
 DATE: 11/14/16
 PROJECT NO.: 215150.00

APPROVED: *[Signature]*
 DATE: 11/14/16

PAVING DETAILS 2

C6.1

NO.	REVISION	DATE

WILLOWFORK
 FIRE STATION No. 3
 2700 SPRING GREEN BLVD
 KATY, TX 77454

DESIGNED BY: J. B. BROWN, JR. ENGINEER
 DATE: 06/26/16
 DRAWN BY: J. B. BROWN, JR. ENGINEER
 CHECKED BY: J. B. BROWN, JR. ENGINEER
 PROJECT NO.: 215150.00

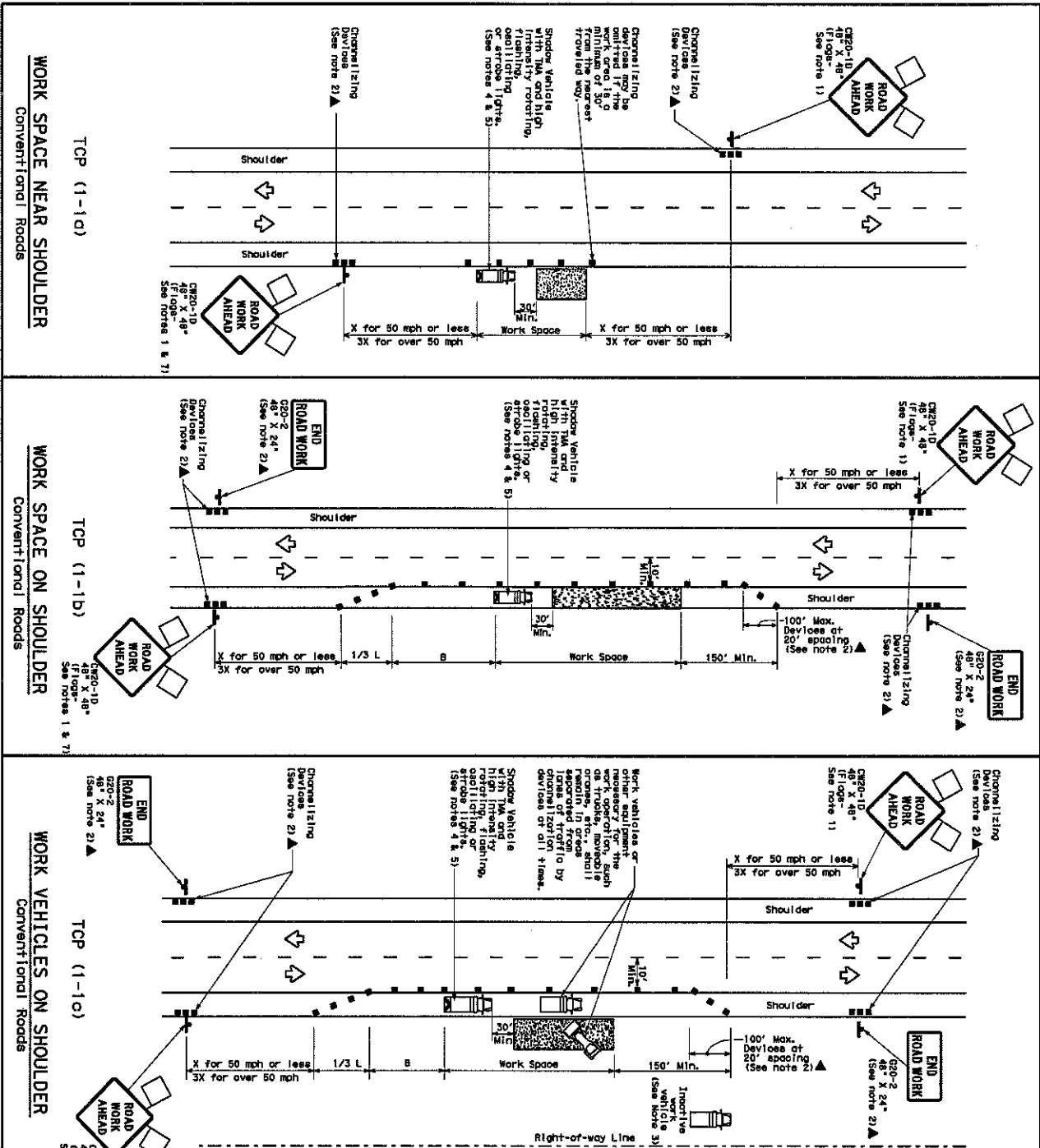
SA
 STRAND
 ASSOCIATES
 11111
 215150.00



BROWN REYNOLDS WATFORD
 ARCHITECTS
 2700 SPRING GREEN BLVD
 KATY, TX 77454
 281-499-1111
 WWW.BRWARCHITECTS.COM

**BROWN REYNOLDS WATFORD
ARCHITECTS**
2765 E. RUIDER HWY SOUTH
SUITE 4000
COSTA MESA, CA 92626
949-44-1721
WWW.BRWARCH.COM

DATE:
FILE:



LEGEND

Type 3 Barricade	Channelizing Device
Heavy Work Vehicle	Truck Mounted Attenuator (TMA)
Trailer Mounted Attenuator (TMA)	Portable Channelizing Device (PCD)
Trailer Mounted Attenuator (TMA)	Tractor Puller
Sign	Flagger

MINIMUM SIGHT DISTANCE

Speed (mph)	Stopping Sight Distance (ft)	Stopping Sight Distance (ft) - 15% Buffer
30	150	127
35	205	167
40	265	217
45	330	272
50	400	332
55	475	397
60	555	467
65	640	542
70	730	622
75	825	707

* Conventional Roads Only
* Flagger lengths may be rounded off.
* Length of taper (L) = 1/2 length of object (L) - 1/2 length of object (L)

TYPICAL USAGE

MOBILE	STATION	STATION	STATION	STATION
MOBILE	STATION	STATION	STATION	STATION

- GENERAL NOTES**
1. Flagger attached to signs where shown are required.
 2. All traffic control devices illustrated are required, except those noted otherwise.
 3. Innovative work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 4. Flagger must be positioned in the center of the work area or at the rear of the work area to maintain the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 barricades or other channelizing devices should be used to maintain the work area.
 5. Additional shoulder vehicles with TMA may be positioned off the paved surface, rear to those shown, in order to protect wider work areas.
 6. See T2B-11 for shoulder work on divided highways, expressways and freeways.
 7. Channelizing devices may be used in place of Type 3 barricades.
 8. ROAD AHEAD signs for shoulder work on conventional roads.

For construction or maintenance contracts with TxDOT, project specifications for traffic control devices can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP (1-1)-12

DATE	12/12	DESIGNED BY	DATE	12/12
CHECKED BY	12/12	APPROVED BY	12/12	12/12
DATE	12/12	DATE	12/12	12/12