



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**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: 2016-10347

Applicant: Phonoscope Lightwave, Inc

Job Location Site: Harlem Road, Richmond, TX 77407

Bond No. 103827669 **Date of Bond:** 4/6/2004 **Amount:** \$50,000.00

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 22nd day of November, 2016, Upon Motion of Commissioner _____, seconded by Commissioner _____, 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: *C. Charles O. A.*
for County Engineer

Date Recorded _____ Comm. Court No. _____

N/A

Clerk of Commissioners Court

By: _____
Drainage District Engineer/Manager

By: _____
Deputy



**PERMIT APPLICATION REVIEW FROM 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@fortbendcountytx.gov

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Right of Way Permit

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Commercial Driveway Permit

Permit No: 2016-10347

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:

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

(2) BOND:

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County Attorney, approval when applicable.

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Perpetual bond currently posted.

Bond No: 103827669

Amount: \$50,000.00

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Performance bond submitted.

Bond No:

Amount:

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Cashier's Check

Check No:

Amount:

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

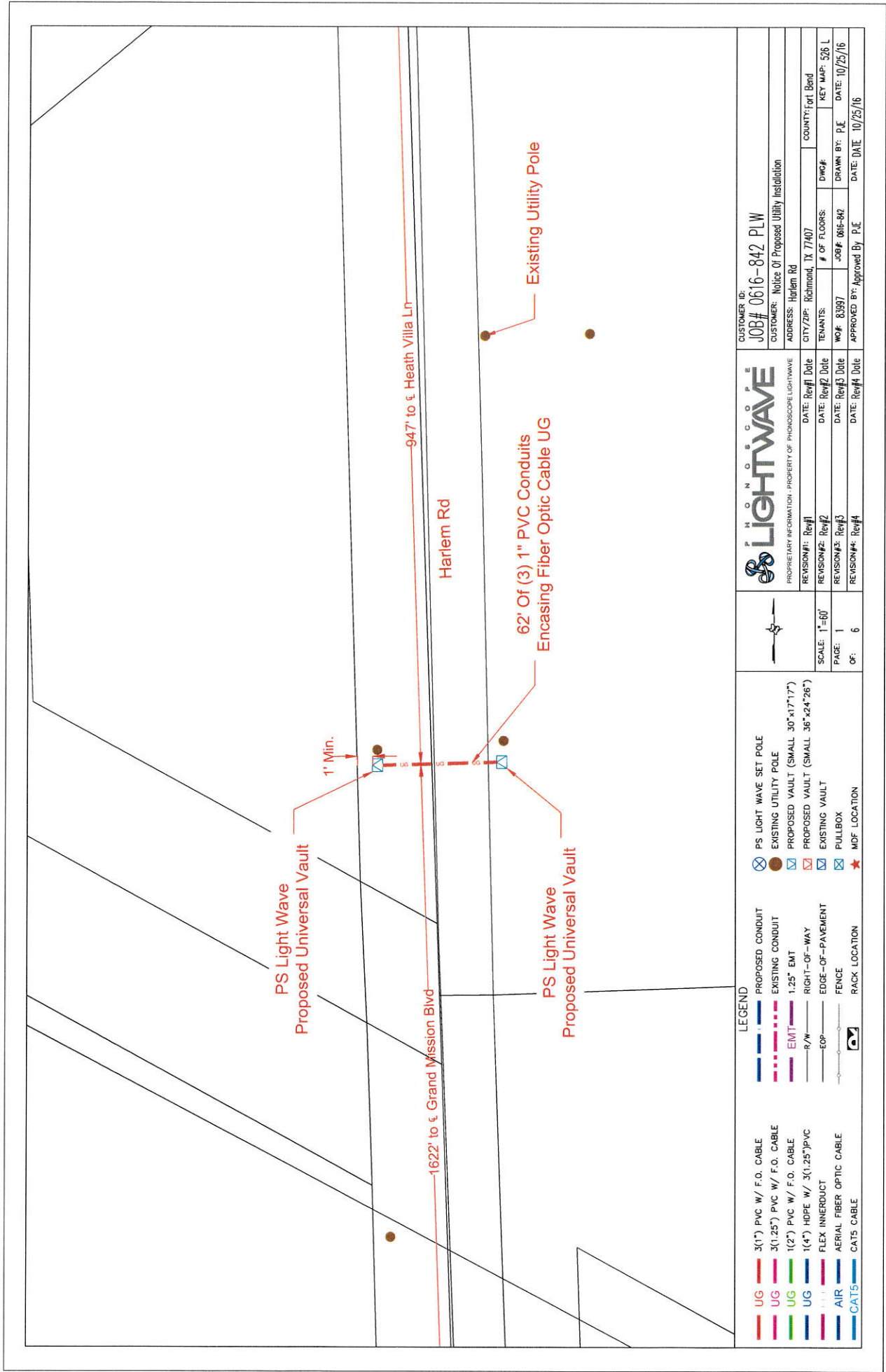
Date

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

Permit Administrator

Date

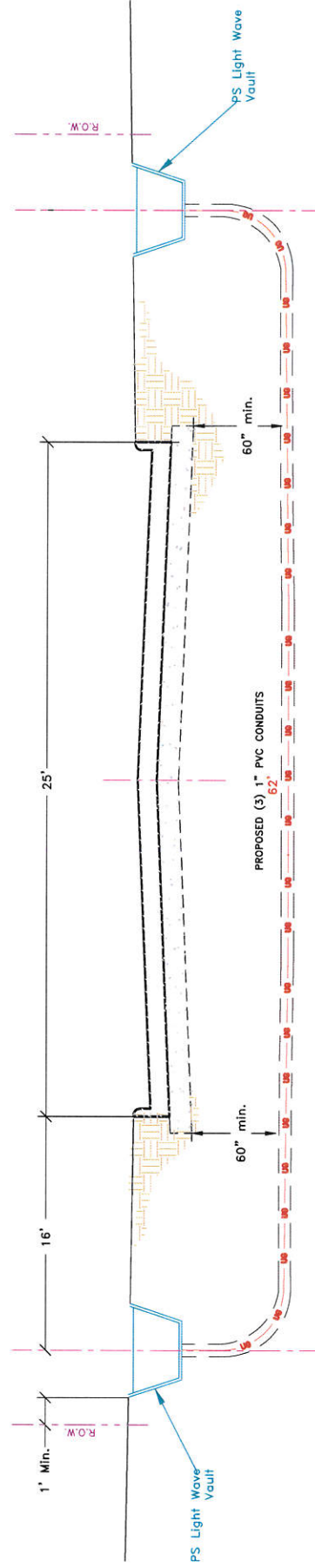
11/15/16



General Notes:

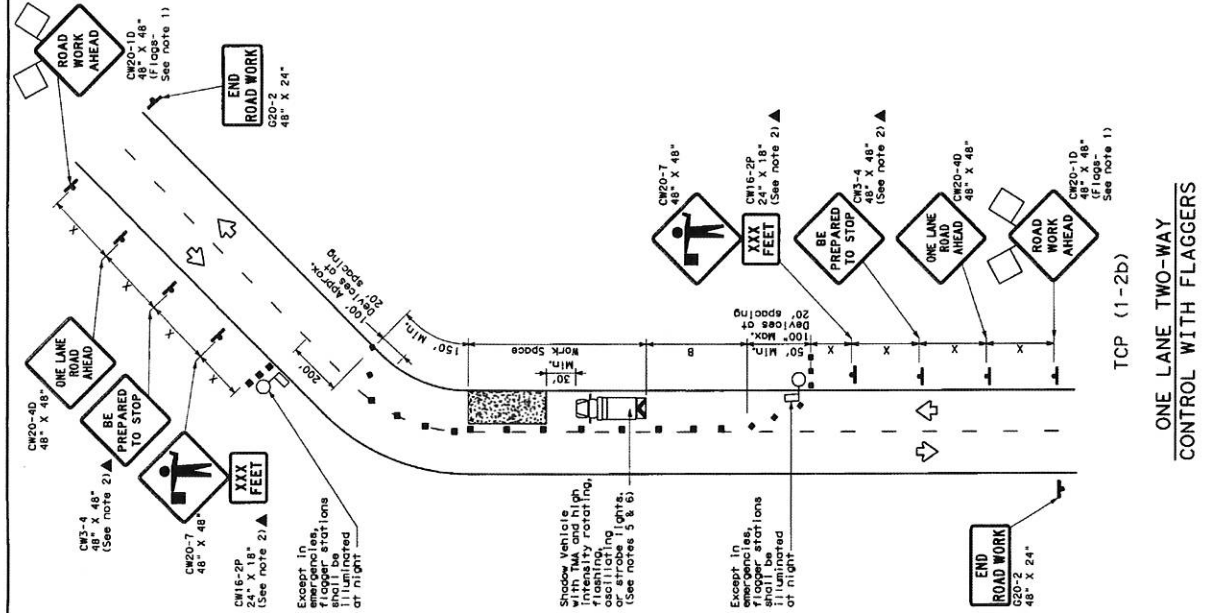
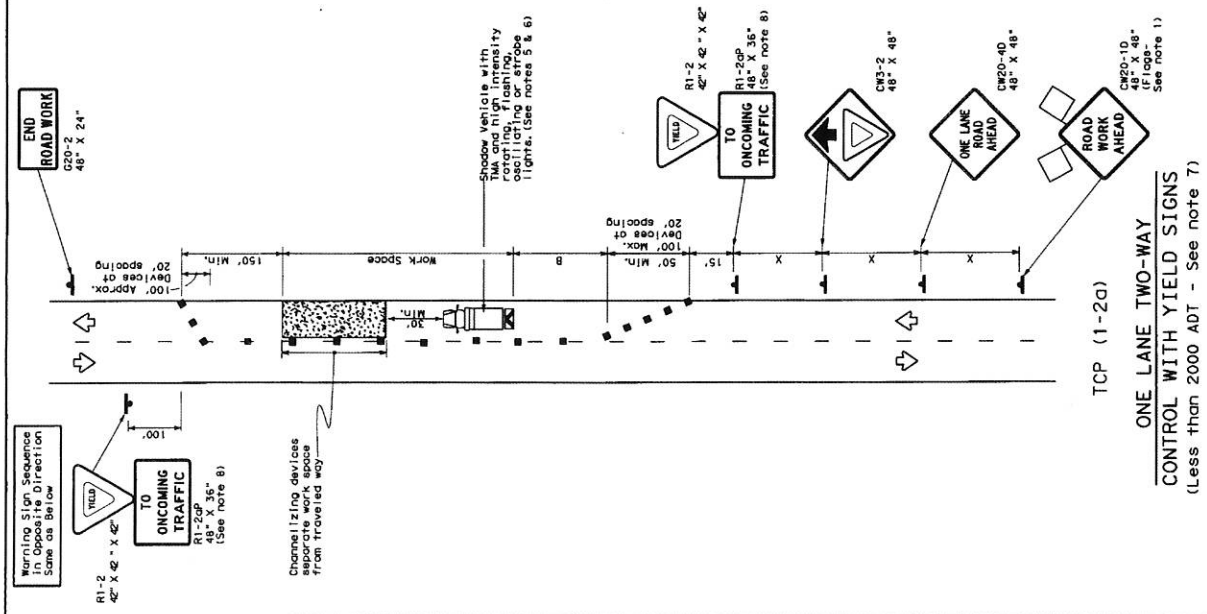
- 1) Surface to be restored to its original condition in compliance with Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD--Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7am--9am and 4pm--6:30pm Monday thru Friday.

Harlem Rd



PHONOSCOPE LIGHTWAVE PROPRIETARY INFORMATION - PROPERTY OF PHONOSCOPE LIGHTWAVE		Job# 0616-842 PLW Description: Notice Of Proposed Utility Installation	
REVISION#1: Rev#1 DATE: Rev#1 Date		CITY/ZIP: Richmond, TX 77407 COUNTY: Fort Bend	
REVISION#2: Rev#2 DATE: Rev#2 Date		WOF: 83996 DATE: 10/25/2016	
REVISION#3: Rev#3 DATE: Rev#3 Date		APPROVED BY: Approved By P.E. DATE: 10/25/2016	
REVISION#4: Rev#4 DATE: Rev#4 Date		DATE: 10/25/2016	
SCALE: N.T.S. PAGE: 3 OF: 3		DATE: 10/25/2016	
PS Light Wave SET POLE EXISTING UTILITY POLE PROPOSED VAULT (UNIVERSAL 24"x36"x24") PROPOSED VAULT (LARGE 36"x24"x26") EXISTING VAULT PULLBOX MDF LOCATION		LEGEND 3(1") PVC W/ F.O. CABLE 3(1.25") PVC W/ F.O. CABLE 1(2") PVC W/ F.O. CABLE 1(4") HDPE W/ 3(1.25")PVC FLEX INNERDUCT AIRIAL FIBER OPTIC CABLE CATS CABLE	
PROPOSED CONDUIT EXISTING CONDUIT 1.25" EMT RIGHT-OF-WAY EDGE-OF-PAVEMENT FENCE RACK LOCATION		PS Light Wave SET POLE EXISTING UTILITY POLE PROPOSED VAULT (UNIVERSAL 24"x36"x24") PROPOSED VAULT (LARGE 36"x24"x26") EXISTING VAULT PULLBOX MDF LOCATION	

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the consequences of any use of this standard other than for the purpose for which it was developed. The user of this standard shall be responsible for any errors or omissions in the use of this standard.



LEGEND		Channelizing Devices	
Type	Symbol	Truck Mounted Attenuator (TMA)	Portable Changeable Message Sign (PCMS)
Heavy Work Vehicle			
Trailer Mounted Flashing Arrow Board			
Sign			
Flag			

Posted Speed	Formula	Minimum Desirable Traffic Volume, V (veh/h)	Minimum Spacing of Channelizing Devices, S (ft)	Minimum Spacing of Channelizing Devices, S (ft) - On a Target	Minimum Spacing of Channelizing Devices, S (ft) - On a Target	Suggested Maximum Spacing of Channelizing Devices, S (ft)	Suggested Minimum Spacing of Channelizing Devices, S (ft)	Suggested Minimum Spacing of Channelizing Devices, S (ft) - On a Target	Suggested Minimum Spacing of Channelizing Devices, S (ft) - On a Target
30	$L = 1.47 S^2$	150	185	180	30	60	120	90	200
35	$L = 1.47 S^2$	205	225	245	35	70	160	120	250
40	$L = 1.47 S^2$	265	285	320	40	80	240	155	305
45	$L = 1.47 S^2$	335	355	400	45	90	320	195	360
50	$L = 1.47 S^2$	415	435	500	50	100	400	240	425
55	$L = 1.47 S^2$	505	525	600	55	110	500	295	495
60	$L = 1.47 S^2$	605	625	720	60	120	600	350	570
65	$L = 1.47 S^2$	715	735	840	65	130	700	410	645
70	$L = 1.47 S^2$	835	855	960	70	140	800	475	730
75	$L = 1.47 S^2$	965	985	1080	75	150	900	540	820

* Conventional Roads Only
 ** Limited to emergency situations

GENERAL NOTES

1. Flagg attached to signs where shown are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the word "OPTIONAL".
3. The CR3-4 "BE PREPARED TO STOP" sign may be installed after the CR20-4D "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.
4. Road "HEAD" sign may be used in place of the CR20-7 "ROAD WORK AHEAD" sign.
5. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the use of the work zone, the Shadow Vehicle and TMA may be substituted for the Shadow Vehicle and TMA.
6. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
7. R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work spaces should be no larger than one half city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no larger than one half city block.
8. R1-2 "YIELD" sign with R1-2P "TO ONCOMING TRAFFIC" plaque shall be placed on a support of a 7 foot minimum mounting height.
9. Flaggers should use two-way radios or other methods of communication to control traffic.
10. Length of work space should be based on the ability of flaggers to communicate.
11. If the work space is located near a horizontal or vertical curve, the buffer distance should be increased to provide adequate stopping sight distance to the flagger and a queue of stopped vehicles for the work zone.
12. Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
13. Flaggers should use 24" STOP/SLOW paddles to control traffic. Flagg should be limited to emergency situations.

Texas Department of Transportation
 Traffic Operations Division

TRAFFIC CONTROL PLAN
ONE-LANE TWO-WAY
TRAFFIC CONTROL

TCP (1-2)-12

For construction or maintenance control requirements for project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Battered, Signs and Traffic Flagger.

DATE: 1-12
 SHEET NO. 152