

FOR ADDISON USE ONLY
Permit Number: W-1102 Location: D57 Keller Springs

# **APPLICATION**

# Right of Way Work Permit -FRANCHISE

(For Franchise Utility/CTP - Street Cut/Excavation/Lane Closure)

PLEASE PRINT LEGIBLY	
Date of Application: April 5, 2017	-
Facility Owner Company: Alpheus Communication	Company Phone #: 214.468.2211
Utility/CTP Representative: RJ McCall	Cell Phone #: 817.247.4078
Utility/CTP Representative E-Mail: robert.mccall@alph	
General Contractor: Brothers Telecom	Company Phone #: 972.762.9327
Site Supervisor Name: Jason Rodriguez	24-hour phone #:972.762.9327
Contractor E-Mail address:jason@brothers-teleco	m.com Site Foreman E-Mail:
Work Site Address and Location:5057 Keller Sp	
Purpose and general description of work:Contracto	to pull 48 fiber cable and place 3-1.25"" HDPE from Dallas Pkwy to
Proposed Start Work Date: April 7, 2017	5057 Keller Springs Rd. (#17040) Estimated Completion Date: July 10, 2017
	e/Boring? ⊠Yes □No
Excavation? MYes ONO Lane Closure? MYe	11
RJ McCall	OSP Project Manager
Applicant's Printed Name Signatu	Position with Company
Applicant's Email: Robert.McCall@alpheus.net/charles@tgainc.	et Applicant's Phone Number: 817.247.4078
Teo Galvan 713.336.6	
Direct Supervisor's Printed Name Phone	Number Company Name
Supervisor's E-Mail:	
FOR ADD	SON USE ONLY
Received By: BF Entered	1? DYes Received Date: 4/6/17
Approved By: Dand Elife Inspector:	JF Issue Date: 4/15/17
Plans Submitted?	Submitted? 仰Yes 口No ロN/A Expiration Date: 4/24/パー
, , , , , , , , , , , , , , , , , , , ,	rmance/Maintenance Bond? □Yes □No □On File □N/A
Fee Paid: NA Receipt#: TP	Date:Drocessed By:Date:
Picked Up By:Company:	Date & Time: 4-27-17

TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES DEPARTMENT ATTNL: RIGHT OF WAY PERMIT - DAVE WILDE 972-450-2847 16801 WESTGROVE RD. ADDISON, TX 75001-9010 PHONE: 972-450-2871 FAX: 972-450-2837



FOR ADDI	SON USE ONLY
Permit Numbe	r. W-1102
Location: 53	57 Keller Springs

# **APPLICATION**

# Right of Way Work Permit -FRANCHISE

(For Franchise Utility/CTP - Street Cut/Excavation/Lane Closure)

# **Sub-Contractor List**

### PLEASE PRINT LEGIBLY

General Contractor's Name: Brothers Telecom	General Contractor's Phone #: 972.762.9327			
Sub-Contractor #1 Company Name: N/A	Address:			
Print Sub-Contractor's Name:	Sub-Contractor's Phone #:			
Sub-Contractor's E-Mail:				
Print Site Supervisor's Name:	Supervisor's Phone #:			
Site Supervisor's E-Mail:				
Insurance Provided? □Yes □No □On File				
Sub-Contractor #2 Company Name: N/A	Address:			
Print Sub-Contractor's Name:	Sub-Contractor's Phone #:			
Sub-Contractor's E-Mail:				
Print Supervisor's Name:	Supervisor's Phone #:			
Site Supervisor's E-Mail:				
Insurance Provided? □Yes □No □On File				
Sub-Contractor #3 Company Name: N/A	Address:			
Print Sub-Contractor's Name:	Sub-Contractor's Phone #:			
Sub-Contractor's E-Mail:				
Print Supervisor's Name:	Supervisor's Phone #:			
Site Supervisor's E-Mail:				
Insurance Provided? TVes TNo TOn File				

TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES
DEPARTMENT ATTN.: RIGHT OF WAY PERMIT - DAVE WILDE 972-450-2847
16801 WESTGROVE RD. ADDISON, TX 75001-9010
PHONE: 972-450-2871 FAX: 972-450-2837

Page 3 of 3

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FOR ADDISON USE ONLY
1.1-1021
Permit Number: W / G / J
Location: 5057 Keller Snrmys
1 1 1

APPLICATION
Right of Way Work Permit -FRANCHISE
(For Franchise Utility/CTP - Street Cut/Excavation/Lane Closure)

PLEASE PRINT LEGIBLY		
Date of Application:	February 20, 2017	
Facility Owner Company:_	Alpheus Communications	Company Phone #: 214.468.2211
Utility/CTP Representative	: RJ McCall	Cell Phone #: 817.247.4078
Utility/CTP Representative E-	-Mail: robert.mccall@alpheus.ne	<u>t                                      </u>
General Contractor: Broth	ers Telecom	Company Phone #: 972.762.9327
Site Supervisor Name: Jas	son Rodriguez	24-hour phone #:972.762.9327
Contractor E-Mail address	:jason@brothers-telecom.com	Site Foreman E-Mail:
Work Site Address and Lo	cation: 5057 Keller Springs F	Rd, Addison TX
Purpose and general desc	ription of work: Contractor to pull 4	18 fiber cable and place 3-1,25" HDPE from Dallas Pkwy to
Proposed Start Work Date:	: February 21, 2017	5057 Keller Springs Rd. (#17040) Estimated Completion Date: July 10, 2017
Pavement Cut? ■Yes □I	No Directional Bore/Boring	g?DXYes ⊡No
Excavation? ☑Yes ☐No	Lane Closure? Dives Dive	Other:? □Yes □No
RJ McCall	WIM Call	OSP Project Manager
Applicant's Printed Name	Signature	Position with Company
Applicant's Email: Robert.McC	Call@alpheus.net/charles@tgainc.net App	licant's Phone Number: 817.247.4078
Teo Galvan	713.336.6336	Alpheus Communications
Direct Supervisor's Printed	Name Phone Number	er Company Name
Supervisor's E-Mail:		-
- Min On	FOR ADDISON U	USE ONLY
Received By:	S.M. DOON Entered? DYe	
Approved By: Kurtell		
		ed? Date: 3/8//7
Insurance Provided? □Yes □		/Maintenance Bond? □Yes □No □On File ØN/A
Fee Paid: A Re		e: <u>VENProcessed By: Which S.</u>
Picked Up By:	Company: b	Date & Time: 2-28-17
TO	ANI OE ADDISON INEDASTRI ICTI DE	AND DEVELOPMENT SERVICES 12:379M

TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES DEPARTMENT ATTN: RIGHT OF WAY PERMIT - DAVE WILDE 972-450-2847 16801 WESTGROVE RD. ADDISON, TX 75001-9010 PHONE: 972-450-2871 FAX: 972-450-2837

RIGHT OF WAY, EXCAVATION & LANE CLOSURE PERMIT

W-1071

PERMIT NUMBER

02/22/17

START DATE

7/10/17

FUTURE TELECOM

**ALPHEUS** 

**INFRASTRUCTURE &** 

16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 972.450.2871

EST. COMPLETION DATE

CONTRACTOR

FOR

# 5057 KELLER SPRINGS

LOCATION (ADDRESS)

DALLAS PKWY West ROW FROM North OF WESTGROVETO ATT MH 4631

LOCATION (ACTUAL)

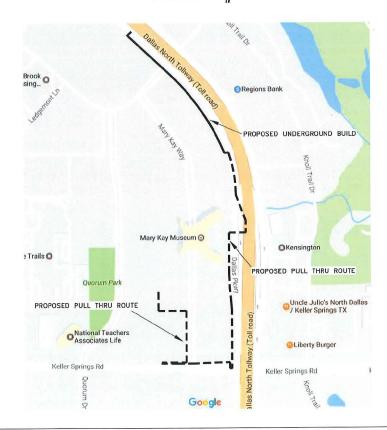
INSTALL CABLE FACILITIES BY BORE AND PULL THRU TO ADDRESS

TYPE OF WORK

THIS CARD MUST BE DISPLAYED ON THE JOB SITE AT ALL TIMES.



# ALPHEUS FIBER BUILDING CONNECT 5057 KELLER SPRINGS ROAD ADDISON, TEXAS PROJECT #



### GENERAL NOTES:

- ALL WORK WILL COMPLY WITH APPLICABLE LOCAL AND REGULATORY AGENCIES, INCLUDING, BUT NOT LIMITED TO, OSHA, ETC. GENERAL NOTES WILL APPLY TO ALL DRAWINGS.
   THE CONTRACTOR WILL NOTEY (F APPLICABLE) THE ADJACENT PROPERTY OWNERS A MININUM OF 24 HOURS IN ADVANCE OF
- CONSTRUCTION.
- CONSTRUCTION.

  ALL TRAFFIC CONTROL DEVICES WILL BE IN PLACE PRIOR TO CONSTRUCTION. DEVICES NO LONGER NEEDED WILL BE REMOVED AS QUICKLY AS POSSIBLE.
- 4. PEDESTRIAN TRAFFIC AREAS MUST BE MAINTAINED AT ALL TIMES.
- 4, PEDESTRIAN IRAFFIC AREAS MUST BE MAINTAINED AT ALL TIMES.
  PEDESTRIANS WILL NOT BE ROUTED ONTO PRIVATE PROPERTY.

  5. NO MATERIALS OR EQUIPMENT WILL BE STORED OR ALLOWED TO STAND UNPROTECTED WHERE PEDESTRIAN OR VEHICULAR
- TRAFFIC IS PRESENT.

  6. NO EQUIPMENT OR MATERIALS WILL BE STORED ON ROAD SURFACE DURING NON-WORK PERIODS.
- 7. NO EQUIPMENT OR MATERIALS WILL BE STORED ON THE SIDEWALK
- 7. NO EQUIPMENT OR MATERIAL WILL BE STORED AWAY FROM THE PAVED ROADWAY. ALL SPILLED MATERIAL WILL BE PICKED UP
- IMMEDIATELY.

  D. CMSTING SIGNS, DELINEATORS, GUARDRAILS, MARKERS, TREES, SHRUBS, FENCES, WALKS, STEPS, ETC. THAT ARE DISTURBED BY THIS CONSTRUCTION WILL BE REPLACED OR RESTORED TO ORIGINAL OR BETTER CONDITION OR TO THE SATISFACTION OF THE EMIGNEE, PROPERTY OWNER, OR ANY MUNICIPAL. AUTHORITY HAVING JURISDICTION.
- 10.MUNICIPAL ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. WILL NOT BE REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM
- THE APPROVING AUTHORITY.

  11.ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE CITY,
- 11.ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE CITY, COUNTY, AND STATE SPECIFICATIONS AND STANDARDS.
  12.UNDERGOOLIND UTILITIES HAVE BEEN PLOTTED FROM AVAILELE RECORDS AND FIELD DESERVATIONS, BUILT ARE NOT NECESSARLY EXACT. THERFORE, UTILITY LOCATIONS WILL BE VERRIED AT LEAST 10.0 FEET IN ADVANCE OF TERENCHING OR PLOWING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN EVENT OF CONFLICTS.
  13.THE CONTROLORS HALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING PUBLIC AND OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES AND TRAFFIC SCRIPC CONDUINS. WISHERBARE CLUCIFICALL DAMAGES SHALL BE REPARED IN ACCORDANCE WITH THE CITY OF PLANO, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING "STANDARD CONSTRUCTION SECOFICATIONS" WITH THE LATEST ADDENDA AND AMENDMENTS THEREFOR, WITH NO COST TO THE CITY OF PLANO. PLANO
- STREET, BRIDGE AND R.O.W.

- PLANO

  STREET, BROCE AND R.O.W.

  1. CONDITION OF THE ROAD MND/OR RIGHT OF WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN PRORT TO STARTING WORK.

  2. EMPGES LEG OF REIN-VORCHE STELL AT PROPOSEDS SAMED JOINT, HAVE AN ADDRESS AND SAMED JOINT, HAVE AN ADDRESS AND SAMED JOINT, HAVE AND SAMED JOINT, HORIZONTAL DOWNESS SHALL BE #86 BARS. 24" LOVIG. 24" C.-C. PRILLED MND EMBEDGED B" INTO THE CENTER OF THE EXISTING SAMED JOINT, AND SAMED JOINT, SAMED REAS AND SAMED JOINT, SAMED REAS AND SAMED JOINT, SAMED REAS AND SAMED JOINT OF STREET, BY AND SAMED JOINT OF SAM

### CONSTRUCTION NOTES

- DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
- Fiber Optic Warning Tape Will be placed 12" below the existing grade in all excavations.
   Verification of the location of existing utility crossing is
- THE RESPONSIBILITY OF THE CONTRACTOR. HAND DIGGING WILL BE
- UTILIZED WHERE REQUIRED.

  4. CALL THE LOCAL UTILITY ONE-CALL AT LEAST 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
- OF ANT CONSINCULION.

  5. A 24" SEPARATION BETWEEN TOWN OF ADDISON FACILITIES AND OTHER UTILITIES WILL BE MAINTAINED.

  6. CONDUIT CAPS WILL BE PLACED ON THE ENDS OF ALL VACANT DUCTS
- DURING CONSTRUCTION, UPON COMPLETION, AND WHILE AWAITING
- FIBER INSTALLATION.

  7. INSTALL THREE (3)-1.25" HDPE CONDUIT AS SHOWN ON DRAWING.
- THE MINIMUM BENDING RADIUS FOR FIBER CABLE WILL BE 24".
   MAXIMUM CABLE INSTALLATION TENSION WILL NOT EXCEED 600 POUNDS. A 600 POUND BREAKAWAY SWIVEL WILL BE USED DURING
- PULLING
- PULING.

  10-THE REMOVAL AND STORAGE OF ALL SHRUBBERY TO BE REPLACED IS THE RESPONSIBILITY OF THE CONTRACTOR.

  11-THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO ORIGINAL OR BETTER CONDITION.

  12-TI IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONSTRUCTION AS POLIT DEAVINGS AND PRESENT A COMPLETE SET OF RECILINED DRAWINGS TO ALPHEUS AND THE TOWN OF ADDISON OF THE CONTRACTOR THE TOWN OF ADDISON.
- OF RED-LINED DRAWINGS TO ALPHEUS AND THE TOWN OF ADDISON WITHIN 14 DAYS OF COMPLETION OF THE WORK IX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.

  14.PLACE AT LEASE BIGHT (8) INCHES OF CRUSHED ROCK IN THE DISTORM OF HANDHOLE PITS PRIGHT OF DIACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.

  15.PLACE 100 FEET FIBER SLACK COIL IN EACH HANDHOLE/MANHOLE.
- 13. PLACE TOU FEET FIBER SLACK COIL IN EACH PARADVOLE, MANIFOLE.
  16. BURIED POWER LINES: HAND DIG AS REQUIRED.
  17. BURIED FIBER OPTIC TELEPHONE CABLES: HAND DIG AS REQUIRED.
  18. BURIED CATV CABLES: HAND DIG AS REQUIRED.
- 19.BURIED GAS LINES: HAND DIG AS REQUIRED. 20.BORE OUTSIDE THE DRIPLINE OF ALL TREES TO PREVENT ROOT
- 21. WHEN TRENCHING, BORE IF A TREE ROOT OF 1" DIAMETER OR LARGER
- IS ENCOUNTERED.

  22.UNLESS OTHERWISE INDICATED, RIGHT OF WAY (ROW) LINES COINCIDE
- WITH THE BACK OF SIDEWALK.
  23.CONTRACTOR IS RESPONSIBLE FOR LOCATING
  ALL UTILITIES 48 HOURS PRIOR TO CON—
  STRUCTION ACTIVITY.

ALL CONTRACTORS MUST SECURE "LANE/STREET CLOSURE PERMITS" FROM THE CHY'S DEPARTMENT OF PLANING/DEVELOPMENT AND ENGINEERING BEFORE CLOSING A LANE. STREET OR SDEWALK. THE REQUEST MUST BE MADE AT LEAST THREE BUSINESS DAYS PRIOR TO THE DATE FOR WHITE PLANE CLOSURE IS SOLUCHI, NOTE THAT WORKING HOURS MAY BE RESTRICTED THE REQUEST MAY BE DENIED.

### TRENCH SAFETY SYSTEMS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE SHOP DRAWINGS FOR THE "TRENCH SAFETY SYSTEM" AS REQUIRED BY O.S.H.A. BY A LICENSED PROFESSIONAL ENGINEER RETAINED AND PAID BY THE CONTRACTOR.

### UNDERGROUND GAS FACILITIES

LICOLIDES OF ALMOS EMERGY MAIN LINES (TO MUNICIPE) MAIN LINES (TO MUNICIPE) MAIN CARE TRANSMISSION, AND/OR NINDICTRIAL GAS SUPPLY CORPORATION WHERE APPLICABLE) ARE SHOWN IN AN APPROXIMATE LOCATION ONLY, SERVICE LINES ARE USUALLY HOT SHOWN. THE CONTRACTOR SHALL CONTRACT THE UTILITY CORDINATING COMMITTEE A MINIMUM OF 48 HOURS PRIOR TO

CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED WHEN ATMOS ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION

BEGINS.
WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF ATMOS ENERGY FACILITIES, ALL EXCAVATION MUST ER ACCOUNTISSTED USING NON-MECHANIZED EXCAVATION PROCEDURES.
WHEN ATMOS ENERGY FACILITIES AND EXPOSED, SUPPORT MUST BE PROVIDED TO THE FACILITIES OF PREVIOUS SUPPORT MUST BE PROVIDED TO THE PROCLING. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

STREETS, DRIVEWAYS, SIDEWALKS, FAVING, WATER LINES, WASTEWATER COLLECTION SYSTEMS, AND DRIANAGE SYSTEMS SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH THE TOWN OF ADDISON, DEPARTMENT OF PUBIC WORKS AND ENGINEERING'S "STANDARD CONSTRUCTION SPACEFICATIONS", AND "STANDARD CONSTRUCTION SYSTEMS, WATER LINES, STORM DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRIVINGES OF THE WINES OF THE PROPERTY OF THE WASTEWAY OF THE PUBLISHED OF THE DESIGN IS CONSISTENT OF WATEWATER COLLECTION STSTEMS, WATER LINES, STORM DRIVING WATEWATER COLLECTION STSTEMS, WATER LINES, STORM DRIVING WATEWATER COLLECTION STSTEMS, WATER LINES, STORM DRIVANGE AND STREET PANNO.

MATERIAL LIST DESCRIPTION QUANTITY



ALPHEUS COMMUNICATIONS **BUILDING CONNECT** 5057 KELLER SPRINGS ROAD ADDISON, TEXAS PROJECT#

	APPRO	VALS	
DRAWN BY	TECH GROUP	DATE APRIL	2016
CHECKED BY		DATE	
DESIGN COORD	).	DATE	
PROJECT SUP	<b>/</b> .	DATE	
OPERATIONS		DATE	
	REVISI	ONS	
NO.	DESCRIF	PTION	DATE
			_
			_
	DRAWING	DATA	
HOR. SCALE:	N/A	F.B.:	
VERT. SCALE:	N/A	PROJECT ID:	
File No.: 16134			
PHASE			

DATE: PHASE DATE

APPROVERS TITLE 02 OF 19

CALL BEFORE YOU DIG (3) UNDERGROUND SERVICE ALERT 48 HOURS NOTICE REQUIRED. CALL: 1-800-344-8377

CONFIDENTIAL AND PROPRIETY INFORMATION EXCEPT AS MAY BE ORDERWISE PROVIDED BY CONTROL.

AS MAY BE ORDERWISE PROVIDED BY CONTROL.

THE PROPERTY OF ALPHENS COMMINICATIONS. BOTH ARE SSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, OPPED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

ROULES SUBJECT TO APPROVIAL.

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE
ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

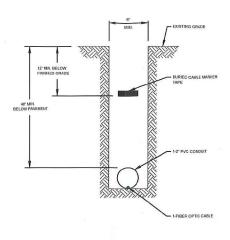
		400	ITACTO			MATERIAL LIS	ST
		COI	NTACTS			DESCRIPTION	QUANTITY
ALPHEUS COMM	MUNICATIONS	UTILITY	COMPANIES	CITY GOVE	RNMENT		
OUTSIDE PLANT	ENGINEERING	CALL BEFORE YOU DIG (TX.	PHONE: 1-800-545-6005 TEXAS ONE CALL	CITY: DALLAS CONTACT:	PHONE:		
PROJECT ENGINEER: NAME: TEO GALVAN SUPERVISOR:	PHONE: 713.336.6336	COMPANY: Dig Tess		ADDRESS: CITY, STATE: ADDISON, TEXAS			
NAME: N/A MANAGER: NAME:	PHONE: ( )	CONTACT: ADDRESS: CITY, STATE:	PHONE: ()			O ALPHE COMMUNICA	TIONS
OUTSIDE PLANT C	CONSTRUCTION						
PROJECT SUPERVISOR:  NAME: RJ McCALL  CONSTRUCTION ENGINEER:	PHONE: 817.247.4078			COUNTY GOV	'ERNMENT	ALPHEUS COMMUN	ICATIONS
NAME: N/A MANAGER: NAME:	PHONE: ( )			CONTACT: ADDRESS: CITY, STATE:	PHONE: ( )	BUILDING CON 5057 KELLER SPRIN ADDISON, TEX	IGS ROAD
			COMPANIEC			PROJECT#	ŧ
		UTILITY	COMPANIES				
ENGINEERING C	CONTRACTOR					DRAWN BY TECH GROUP DATE CHECKED BY DATE DESIGN COORD. DATE	APRIL 2016
NAME: Tech Group	PHONE: 972.613.0881			STATE GOVE	ERNMENT	PROJECT SUPV. DATE OPERATIONS DATE	
PROJECT MANAGER: NAME: Charles Martinez	PHONE: 214.317.5452			STATE: CONTACT:	PHONE: ( )	REVISIONS NO. DESCRIPTION	
ENGINEERING SUPERVISOR: NAME:	PHONE: ( )			ADDRESS: CITY, STATE:	,,		
CONSTRUCTION	CONTRACTOR						
NAME: TBD PROJECT MANAGER:	PHONE:					DRAWING DA	TA
NAME TBD ENGINEERING SUPERVISOR: NAME	PHONE: ( )					HOR. SCALE: N/A F.B.: VERT. SCALE: N/A PROJE File No.: 16134 PHASE	ECT ID:
		1				1 1	

SUPV. DATE **REVISIONS** DESCRIPTION DATE DRAWING DATA CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 48 HOURS NOTICE REQUIRED. CALL: 1-800-344-8377 DATE: PHASE\_DATE APPROVERS\_TITLE 03 OF 19

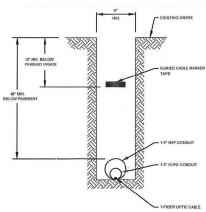
QUANTITY

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



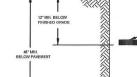


TYPICAL DETAIL "A"



TYPICAL DETAIL "D"

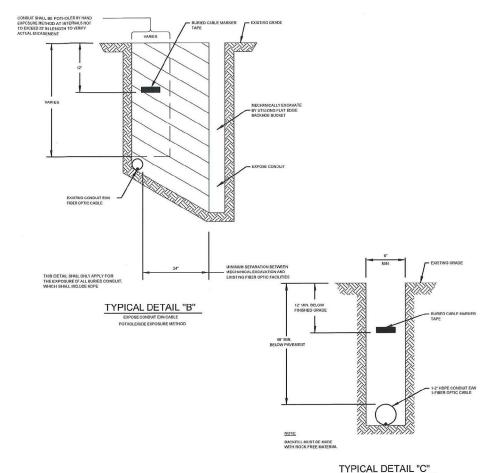
PLACE 1-4" BSP CONDUIT



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ROUTES SUBJECT TO APPROVIA

**CONSTRUCTION TYPICALS** 



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N	/ATERIAL L	IST
DESC	RIPTION	QUANTITY



ALPHEUS COMMUNICATIONS **BUILDING CONNECT** 5057 KELLER SPRINGS ROAD ADDISON, TEXAS PROJECT#

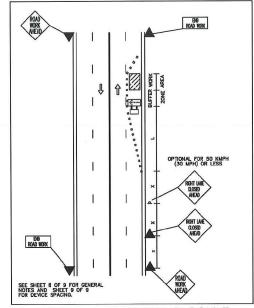
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PROJEC	T SUP	٧.	DATE		
OPERA"	TONS		DATE		
		REVISI	ONS		
NO.		DESCRI	PTION		DATE

**APPROVALS** 

DRAWING DATA HOR. SCALE: N/A F.B.:
VERT. SCALE: N/A PROJECT ID: File No.: 16134 PHASE

DATE: PHASE\_DATE

# TRAFFIC CONTROL TYPICAL DETAILS

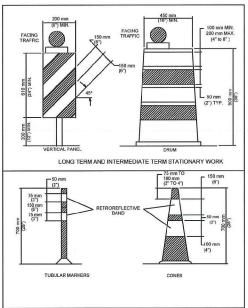


BBIT LINE

CLUSS

WENT

TWO-LANE CLOSURE

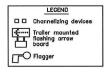


CHANNELIZING DEVICES

ARTERIAL ONE LANE CLOSURE

Typical Transition Lengths and Suggested Maximum Spacing of Devices

						Suggested Max. Suggested Device Spacing Sign Specing Meters (Feet)		
Speed KMPH	Posted Speed MPH	Formula	Offset Meters	3.3(11) Offset Meters (fset)	3.6(12) Offset Meters (feet)	On a toper Maters (feet)	On a tangent Meters (feet)	"X" Dimension
50	30	L= <u>WS</u> *	45 (150)	50 (165)	55 (180)	(30)	15-20 (60-75)	40 (120)
55	35		65 (205)	70 (225)	75 (245)	10 (35)	25-25 (70-90)	50 (160)
65	40	1	80 (265)	90 (295)	100 (320)	12 (40)	25-30 (80-100)	75 (240)
70	45		135	150 (495)	165 (540)	13 (45)	25-30 (90-110)	100 (320)
80	50	1	150 (500)	165 (550)	180 (600)	15 (50)	30-35 (100-125)	120 (400)
90	55	1	165 (550)	185 (605)	200 (660)	16 (55)	35-40 (110-140)	150 (500)
95	60	L=WS	180 (600)	200 (660)	220 (720)	18 (60)	40-45 (120-150)	180 (600)
105	65	1	195 (650)	215 (715)	235 (780)	19 (65)	40-50 (130-165)	210 (700)
115	70		215 (700)	235 (770)	255 (840)	21 (70)	45-55 (140-175)	240 (800)



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



MATERIAL L	IST
DESCRIPTION	QUANTITY
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ALPHEUS COMMUNICATIONS
BUILDING CONNECT
5057 KELLER SPRINGS ROAD
ADDISON, TEXAS
PROJECT#

DRAWN BY         TECH GROUP DATE         APRIL           CHECKED BY         DATE         DATE           DESIGN COORD.         DATE         DATE           PROJECT SUPV.         DATE         DATE           OPERATIONS         DATE         DATE           NO.         DESCRIPTION         DESCRIPTION	_2016
DESIGN COORD. DATE PROJECT SUPV. DATE OPERATIONS DATE REVISIONS	
PROJECT SUPV. DATE OPERATIONS DATE REVISIONS	
OPERATIONS DATE REVISIONS	
REVISIONS	
NO. DESCRIPTION	
	DATE
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HOR. SCALE: N/A F.B.:	
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File No.: 16134	
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05 OF 19

APPROVERS\_TITLE

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# C\Land Projects\Angelo's Projects\J7040\_[5057 Keller Springs Rd, Addison - Alpheus\\J7040tfc.dwg, 4/5/2017 1:21:57 PM, R. Flores

TRAFFIC CONTROL	DETAIL
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Typical	Transition	Length	9 a	nd
Suggested	Maximum	Spacina	of	Devices

					um Desir Lengths Iters (Fe	(L)	Suggest Device		
	Speed KVPH	Posted Speed MPH	Formula		3.3(11) Offset Veters (feet)	3.6(12) Offset Veters (feet)	On o toper Moters (feet)	On a "X" tangent "X" Maters Dimension (fest)	
	50	30		45 (150)	50 (165)	(180)	9 (30)	15-20 (60-75) 40 (120)	
	55	35	F=1/25	65 (205)	70 (225)	75 (245)	(35)	25-25 (70-90) 50 (160)	
	65	40		80 (265)	90 (295)	(320)	12 (4C)	25-30 (80-100) 75 (240)	
	70	45		135 (450)	150 (495)	165 (540)	13 (45)	25-30 (90-113) 100 (320)	
	80	50	1	150 (500)	165 (550)	180 (600)	15 (50)	(100-125) 120 (400)	
	90	55	1	165 (550)	185 (605)	200 (660)	16 (55)	35-40 (110-140) 150 (500)	
	95	60	L=WS	180 (600)	200 (660)	(720)	18 (60)	40-45 (120-150) 180 (600)	
	105	65	1	195 (650)	215 (715)	235 (780)	19 (65)	40-50 (130-165) 210 (700)	
	115	70	1	215 (700)	(770)	(840)	(70)	(140-175) 240 (800)	
<b>ADDISO</b>	N								

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**TEXAS** 

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD CBSERVATIONS BUT ARE NOT NECESSABLY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRICE TO CONSTRUCTION. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



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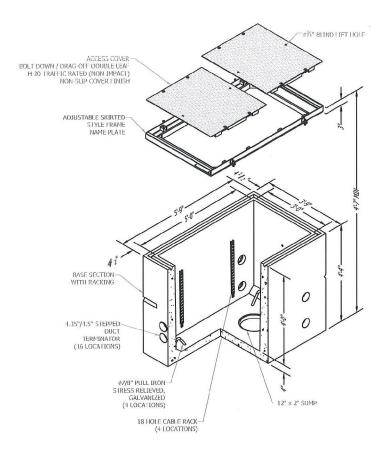
ALPHEUS COMMUNICATIONS
BUILDING CONNECT
5057 KELLER SPRINGS ROAD
ADDISON, TEXAS
PROJECT#

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File No.: 17040				

DATE: DECEMBER 2016

05A OF 19

# 3' X 5' X4 PRECAST HANDHOLE DETAIL



MATERIAL LIST

DESCRIPTION QUANTITY



ALPHEUS COMMUNICATIONS
BUILDING CONNECT
5057 KELLER SPRINGS ROAD
ADDISON, TEXAS
PROJECT#

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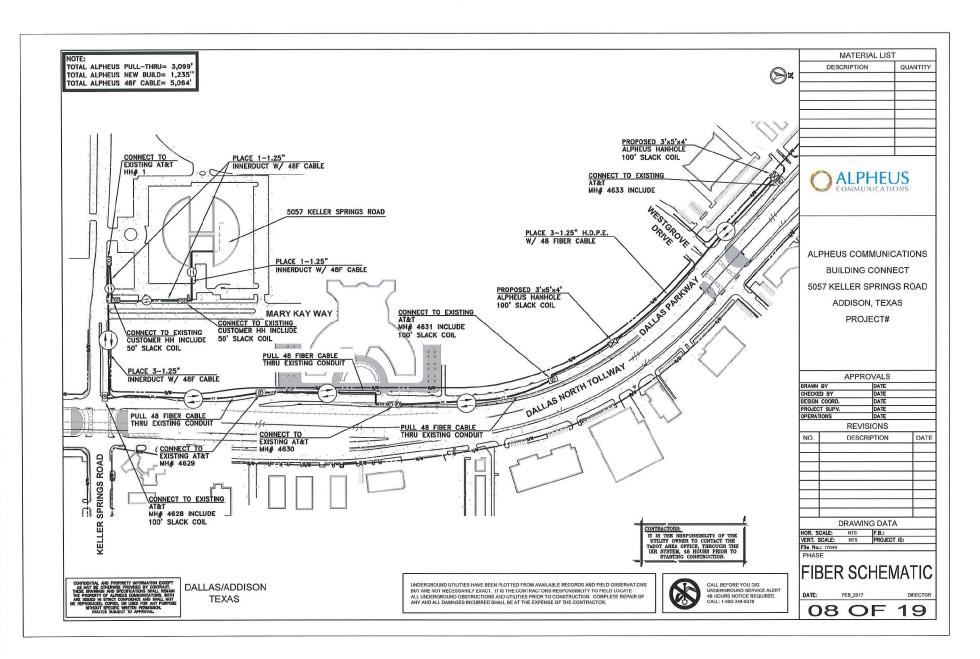


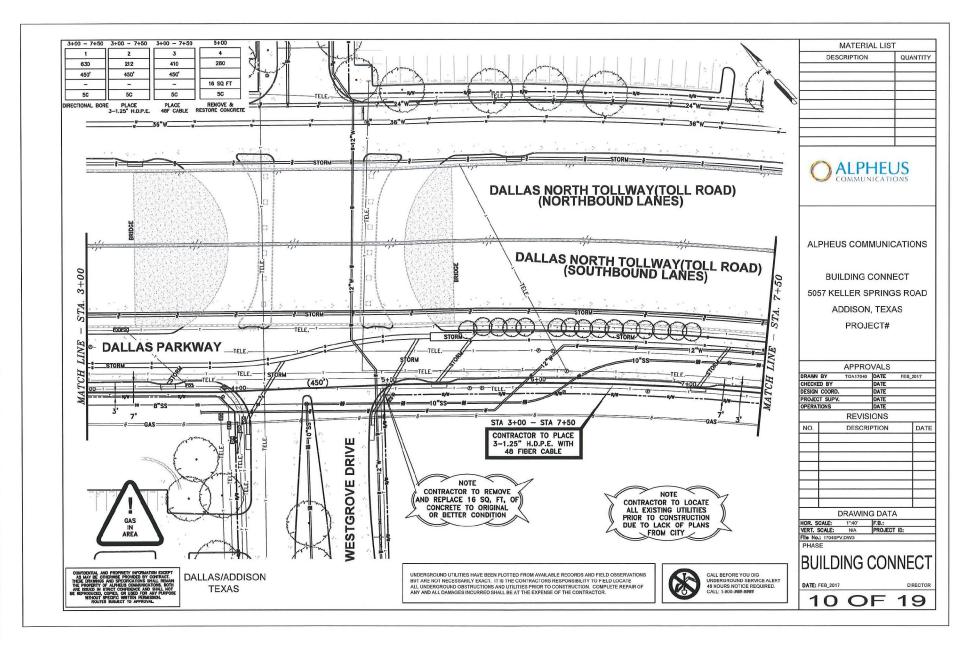
CLARIFICATION #	DESCRIPTION	QUANTITY
630	DIRECTIONAL BORE	1,235'
210	4" CORE	2
210	PULL - THRU	3,099'
411	(3)1.25" INNERDUCT	3,705'
411	(1)1.25" INNERDUCT	940'
212	3'x5'x4' HANDHOLE	2
410	TOTAL 48 FIBER CABLE	5,064'

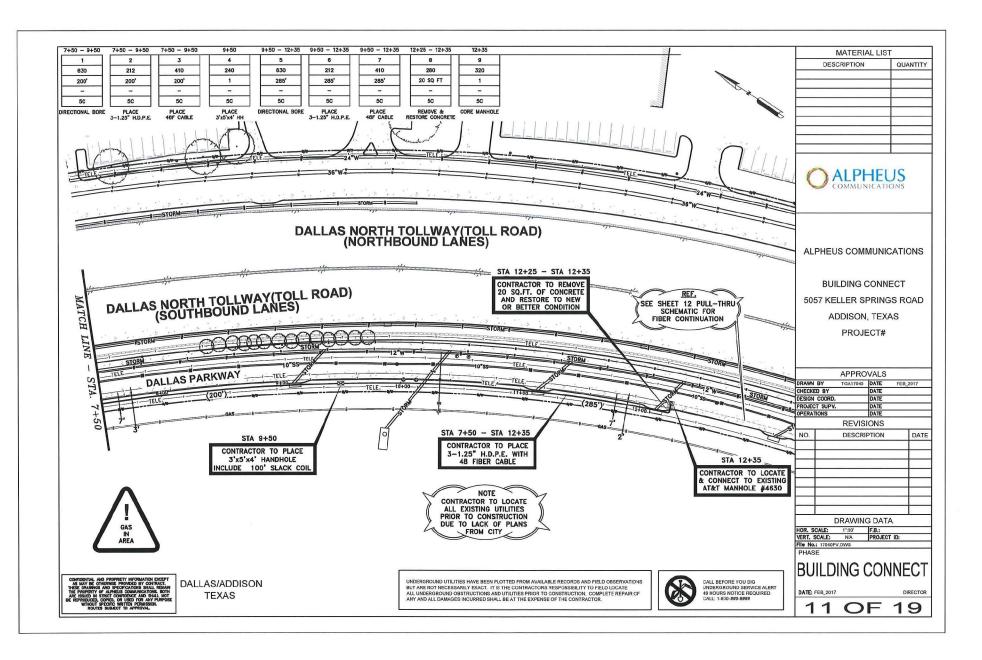
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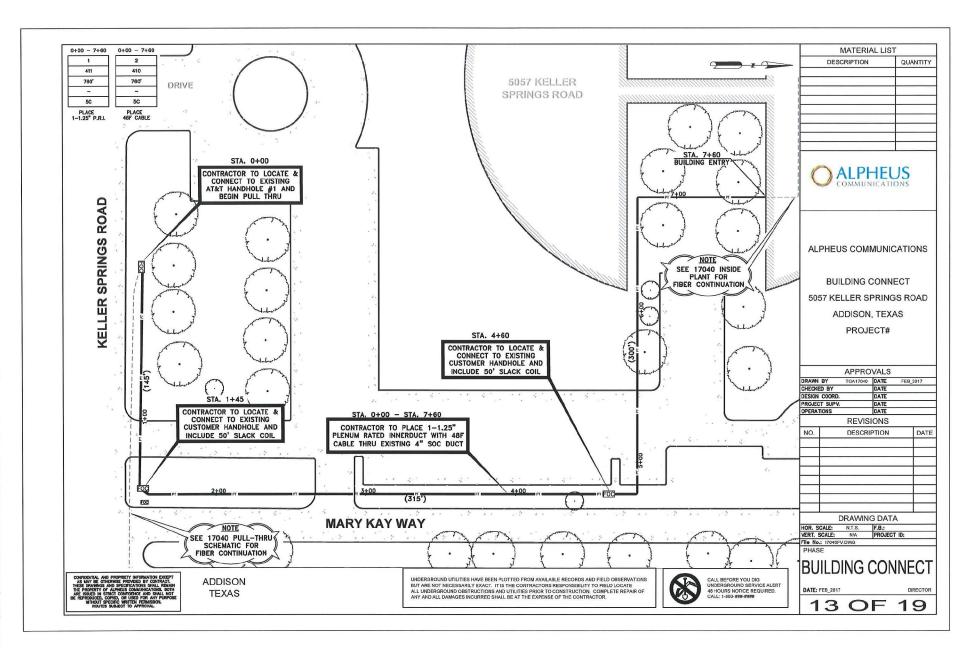


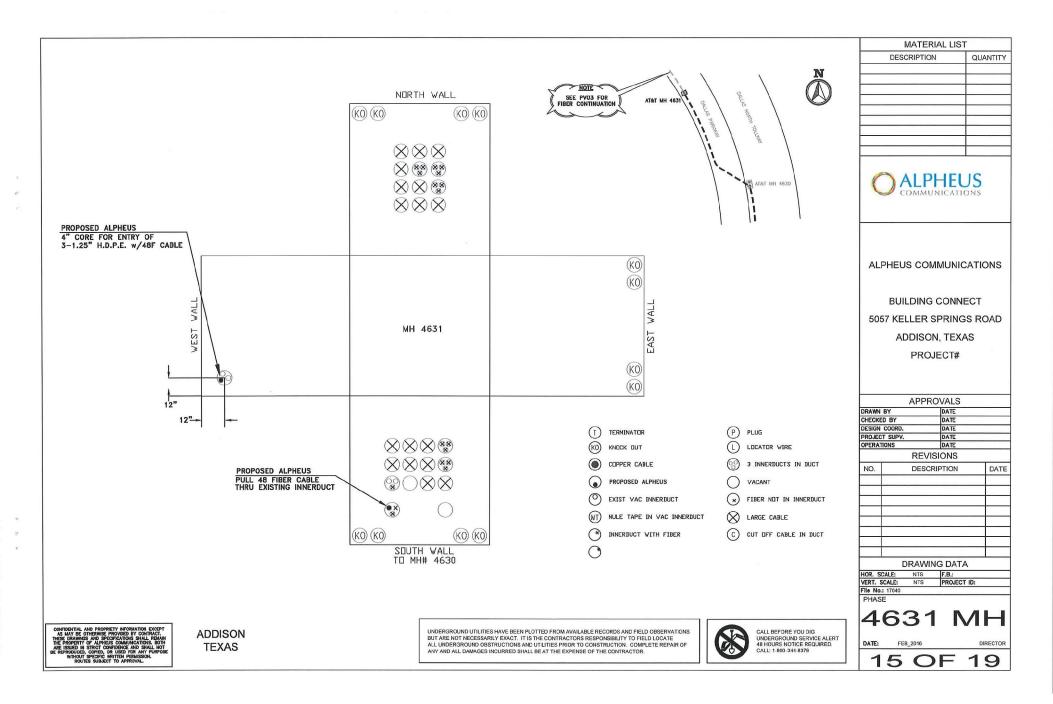


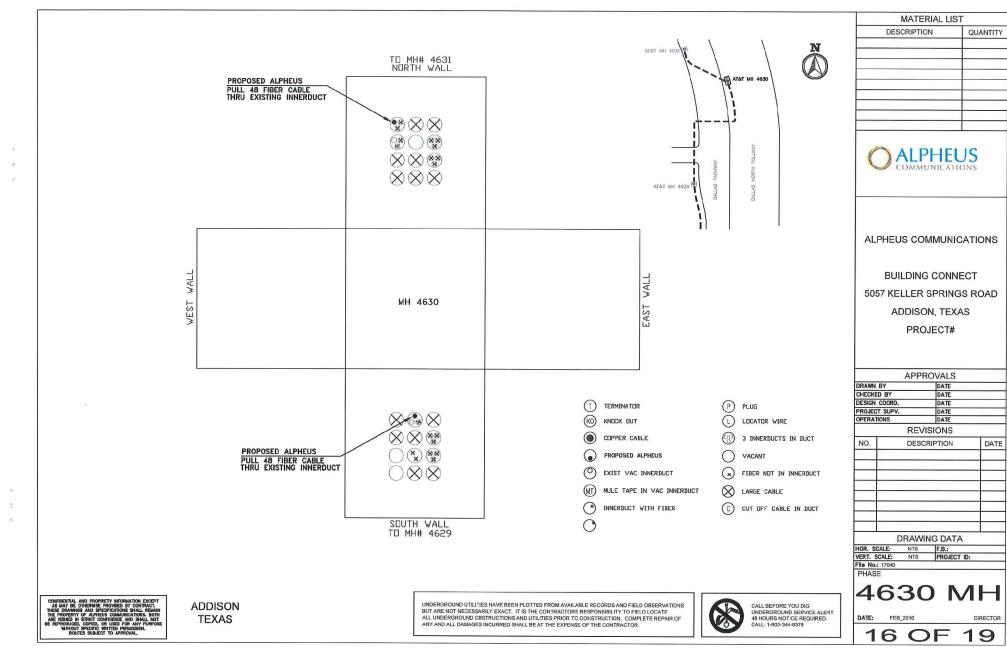
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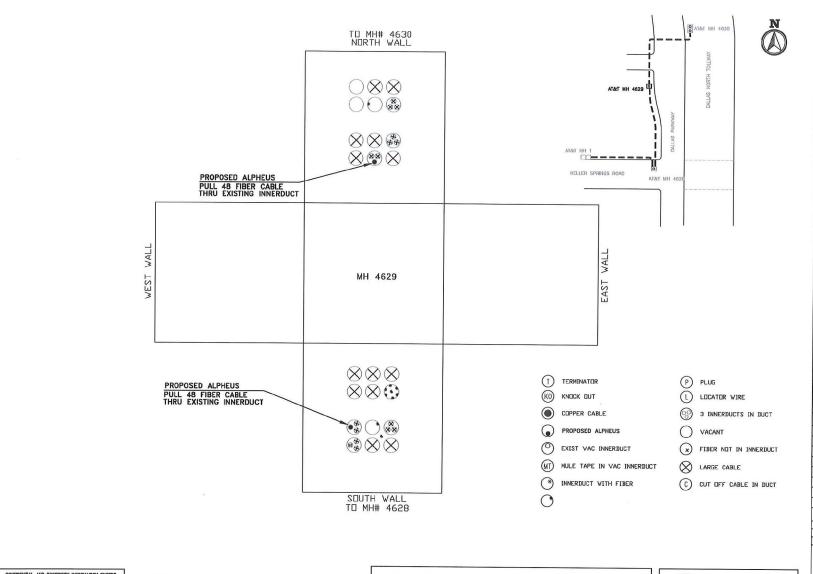
QUANTITY

TOTAL ALPHEUS PULL THRU= 2,339'
TOTAL ALPHEUS 48F CABLE= 2,539'









MATERIAL LIST
DESCRIPTION QUANTITY



ALPHEUS COMMUNICATIONS

BUILDING CONNECT
5057 KELLER SPRINGS ROAD
ADDISON, TEXAS
PROJECT#

APPROVALS

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File No.: 17040

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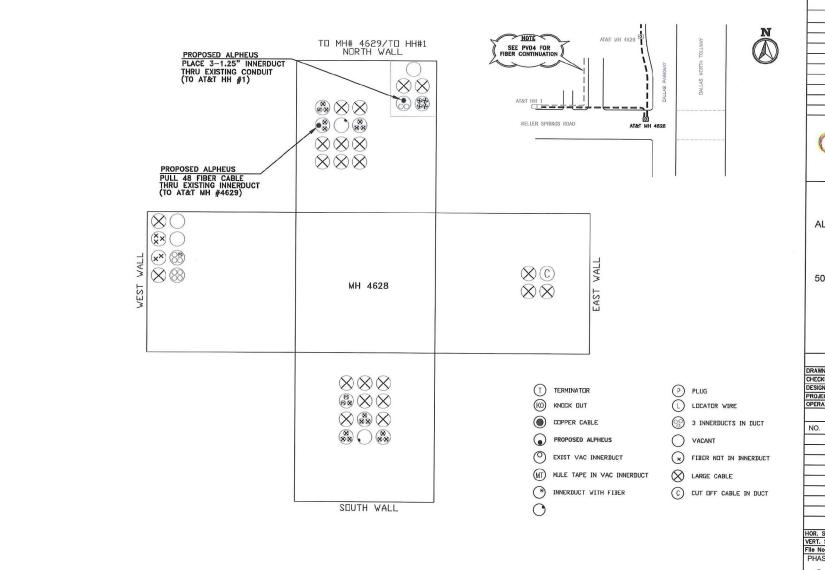
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DIRECTOR

17 OF 19

ADDISON TEXAS UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND OBSTRUCTIONS AND UTILITIES PRIOR TO CONSTRUCTION. COMPILETE REPAIR OF ANY AND ALL DAWAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.





MATERIAL LIST DESCRIPTION QUANTITY



ALPHEUS COMMUNICATIONS

**BUILDING CONNECT** 5057 KELLER SPRINGS ROAD ADDISON, TEXAS PROJECT#

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18 OF 19

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CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 48 HOURS NOTICE REQUIRED. CALL: 1-800-344-8378

NOTE SEE PV04 FOR FIBER CONTINUATION NORTH WALL KELLER SPRINGS ROAD AT&T MH 4628 4 PROPOSED ALPHEUS PLACE 3-1.25" INNERDUCT THRU EXISTING CONDUIT (TO AT&T MH #4628) EAST WALL 4628/TD CUSTOMER WEST HH 1 #TW (MH)  $\times \times$ (C) PROPOSED ALPHEUS
PLACE 1-1.25" INNERDUCT
6/W 48 FIBER CABLE
THRU EXISTING CONDUIT
(TO CUSTOMER HH) TERMINATOR PLUG KNOCK OUT LOCATOR WIRE COPPER CABLE 3 INNERDUCTS IN DUCT PROPOSED ALPHEUS VACANT EXIST VAC INNERDUCT FIBER NOT IN INNERDUCT MULE TAPE IN VAC INNERDUCT LARGE CABLE INNERDUCT WITH FIBER C CUT OFF CABLE IN DUCT SOUTH WALL

MATERIAL LIST

DESCRIPTION QUANTITY



ALPHEUS COMMUNICATIONS

BUILDING CONNECT
5057 KELLER SPRINGS ROAD
ADDISON, TEXAS
PROJECT#

**APPROVALS** 

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19 OF 19

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