

FOR ADDISON USE ONLY
Permit Number: W-1971
Permit Number.
Location: 5057 Keller Sprmys
P

# **APPLICATION**

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

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.net	
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-telecom.com	Site Foreman E-Mail:
Work Site Address and Location:5057 Keller Springs Rd, A	Addison TX
Purpose and general description of work: Contractor to pull 48 fibe	er cable and place 3-1.25"" HDPE from Dallas Pkwy to
Proposed Start Work Date: February 21, 2017 Esti	057 Keller Springs Rd. (#17040) mated Completion Date: July 10, 2017
Pavement Cut? ☑Yes ☐No Directional Bore/Boring? ☐	XYes □No
Excavation? Nes ONo Lane Closure? Nes ONo	Other:?
RJ McCall	OSP Project Manager
Applicant's Printed Name Signature	Position with Company
Applicant's Email: Robert.McCall@alpheus.net/charles@tgainc.net Applicar	nt's Phone Number: 817.247.4078
Teo Galvan 713.336.6336	Alpheus Communications
Direct Supervisor's Printed Name Phone Number	Company Name
Supervisor's E-Mail:	
FOR ADDISON USE Received By: Yes	ONLY Received Date: 7:7\17
Approved By: Augustiff Inspector: JF/DV	Issue Date: 2/22/17
Plans Submitted?	1-1-1-
	ntenance Bond? □Yes □No □On File ØN/A
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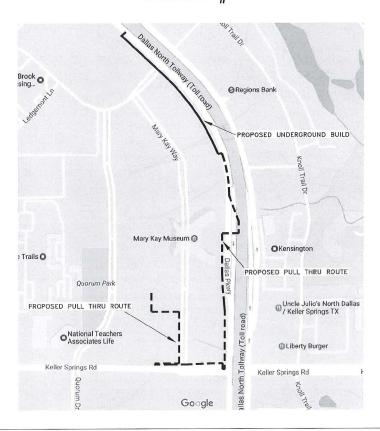
NT ATTN.: RIGHT OF WAY PERMIT - DAVE WILDE 97 16801 WESTGROVE RD. ADDISON, TX 75001-9010 PHONE: 972-450-2871 FAX: 972-450-2837

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



#### **GENERAL NOTES:**

- 1. ALL WORK WILL COMPLY WITH APPLICABLE LOCAL AND
- REGULATORY AGENCIES, INCLUDING, BUT NOT LIMITED TO, OSHA, ETC. GENERAL NOTES WILL APPLY TO ALL DRAWINGS.

  2. THE CONTRACTOR WILL NOTEY (IF APPLICABLE) THE ADJACENT PROPERTY OWNERS A MINIMUM OF 24 HOURS IN ADVANCE OF CONSTRUCTION
- ALL TRAFFIC CONTROL DEVICES WILL BE IN PLACE PRIOR TO CONSTRUCTION, DEVICES NO LONGER NEEDED WILL BE REMOVED. AS OLICKLY AS POSSIBLE
- AS QUICKLY AS POSSIBLE.

  4. PEDESTRIAN TRAFFIC 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
- AT ANY TIME.

  8. EXCAVATION MATERIAL WILL BE STORED AWAY FROM THE PAVED ROADWAY, ALL SPILLED MATERIAL WILL BE PICKED UP
- IMMEDIATELY.

  9. EXISTING SIGNS, DELINEATORS, GUARDRAILS, MARKERS, TREES,
  WALKS STEPS, FTC. THAT ARE DISTURBED EXISTING SIGNER, DELINEATURES, UPANOMUNILS, MARKELES, INCLES, 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 ENGINEER, PROPERTY OWNER, OR ANY MUNICIPAL
- AUTHORITY HAVING JURISDICTION.

  10.MUNICIPAL ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. WILL

  NOT BE REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM

- NOI BE REMOVED WITHOUT PROOR WRITTEN PERMISSION FROM THE APPROVING AUTHORITY.

  11.ALL WORK MILL BE PERFORMED IN ACCORDANCE WITH THE CITY, COUNTY, AND STATE SPECIFICATIONS AND STANDARDS.

  12.NIDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILBLE PECCROSS AND FIELD DESERVATIONS, BUT ARE NOT NECESSABLY EXACT. THERFORE, UTILITY LOCATIONS WILL BE VERFIED AT LEXT TOO FEET IN AUTHORITY COUNTY, THE CHARGES TO THE PROPERTY OF THE WAY BE VERFIED AT LEXT CHARGES TO THE MORE AND THE PROPERTY OF THE WAY BE VERY THE WAY

CONFIDENTIAL AND PROPRIETY INFORMATION EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. HERE DIAMNES AND SPECIFICATIONS CRILL, RELIMINATED TO THE PROPRIETY OF THE PROPRIETY OF

- ADDENDA AND ANENDMENTS THERETO, WITH NO COST TO THE AGIN OF PLANO
  STREET, RIDGE AND R.O.W.

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  OWNERS OF STALL BE ASSTALL BE AS ASSTALL BOWNERS.
  IF NO REINFORCING STEEL EXISTS, USE HORIZONTAL DOWNERS, THE CONTROL OWNERS AS AS OF STALL BE ASSTALL BE AS AS OF THE ASSTALL BE ASSTALLED IN ASSTALL BE ASSTALLED IN ASSTALLED
  - ANU SIANDAMO CONSTRUCTION DETAILS FOR WASTEMATER COLLECTION SYSTEMS, WARER LINES, STORM DRAINAGE AND STREET PAVING" UNLESS OTHERWISE NOTIED AND APPROVED ON THESE PLANS. IN ED SEGN IS CONSISTENT WITH THE MINIMUM STANDARDS ESTABLISHED IN THE "DESIGN MANUAL FOR MASTEMATER COLLECTION SYSTEMS, WARER LINES, STORM DAPRAMES AND STREET PAVING".

#### CONSTRUCTION NOTES

- DIRECTIONAL BORING WILL BE UTILIZED WHEREVER POSSIBLE. ALL EXCAVATIONS WILL BE BACKFILLED PER CITY, DOT, AND COUNTY SPECIFICATIONS.
- SPECIFICATIONS.

  2. FIBER OPTIC WARNING TAPE WILL BE PLACED 12" BELOW THE EXISTING GRADE IN ALL EXCAVATIONS.

  3. 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 ANY CONSTRUCTION.

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

  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
- 8 THE MINIMUM RENDING PADIUS 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.

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

  1. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING THE CONSTRUCTION AREA TO GRIGINAL OR BETTER CONDITION.

  1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MANTAN CONSTRUCTION AS PULL DEBUNGS AND PRESENT A COMPLETE SET OF RED.—LIVES PORMOLOGY FOR A CONTRACTOR AND ADDITIONAL OF THE CONTRACTOR AND THE CONTRACTOR AND THE CONTRACTOR AND TOWN OF ADDISON OF THE CONTRACTOR AND THE TOWN OF ADDISON.
- OF RED-LINED DRAWINGS TO ALPHEUS AND THE TOWN OF ADDISON WITHIN 14 DAYS OF COMPLETION OF THE WORK OF ADDISON 13.CONDUITS WILL BE TERMINATED NO MORE THAN SIX (6) INCHES ABOVE THE FLOOR GRADE IN HANDHOLES.

  14.PLACE AT LEAST EIGHT (6) INCHES OF CRUSHED ROCK IN THE BOTTOM OF HANNHOLE PITS PRIOR TO PLACING THE WIRE MESH (2 SQUARES PER INCH) AND THE HANDHOLE.

  15.PLACE TO DEET PREP SLACK COL. IN EACH HANDHOLE/MANHOLE.
- 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 CONTROCTORS MUST SECURE "LAME/STREET CLOSURE PERMITS"
FROM THE CITY'S EXPARTMENT OF PLANNING POBLECOMENT AND ENGINEERING
BEFORE CLOSING A LAME, STREET OR SIDEMAIK. THE REQUEST MUST BE
MADE AT LEAST THREE BUSINESS DAYS PRIOR TO THE DATE FOR WHICH
THE CLOSURE IS SOUGHT, NOTE THAT WORKING HOURS MAY BE RESTRICTED
OR THE REQUEST MAY BE DEMIED.

### 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 FAID BY THE CONTRACTOR.

#### UNDERGROUND GAS FACILITIES

LOCATIONS OF ATUCE SERROY, MAIN LINES (TO INCLUDE HINT LOST FIRANCISISTON AND/OR HOUSTRAL GAS SUPPLY CORPORATION WHERE APPLICABLE) ARE SHOWN IN AM APPROXIMATE LOCATION ONLY, SERVICE LINES ARE USUALLY NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY CORONINATING 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.

BEGINS:
WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF ATMOS ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED. EXCAVASTON PROCEDURES.
WHEN ATMOS. ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVNIT EXCESSIVE SIRESS ON THE PIPING. THE CONTRACTOR IS PLLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FALLURE TO EMOCITY LOCATED. THESE LINDERGROUND FACILITIES

STREETS, DRIVEWAYS, SIDEWALKS, PAVINS, WATER LINES, WASTEWATER COLLECTION SYSTEMS, AND DRAINAGE SYSTEMS. SHALL BE GONSTRUCTED AND TESTED IN ACCORDANCE WITH THE TOWN OF ADDISON, POPEARMENT OF PUBIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPREIGHTANDERS, AND "STANDARD CONSTRUCTION SPREIGHTANDERS," AND "STANDARD CONSTRUCTION WATER LINES, STORM DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAWNS UNLESS OTHERS IN CONSISTENT WITH THE MINIMUM STANDARD ESTABLISHED IN THE "DESION MANUAL WITH THE MINIMUM STANDARD ESTABLISHED IN THE "DESION MANUAL." FOR WATEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE AND STREET PAVING".

MATERIAL LIST DESCRIPTION QUANTITY



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

	APPRO			
DRAWN BY	TECH GROUP	DATE	APRIL	2016
CHECKED BY		DATE		
DESIGN COORD	).	DATE		
PROJECT SUPV	<i>l</i> .	DATE		
OPERATIONS		DATE		
	REVISI	ONS		
NO. DESCRIPTION			DATE	
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DRAWING DATA HOR, SCALE: N/A N/A PROJECT ID: VERT. SCALE: File No.: 16134

PHASE

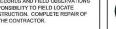
UNDERGROUND SERVICE ALERT

48 HOURS NOTICE REQUIRED CALL: 1-800-344-8377

DATE: PHASE\_DATE

02 OF 19

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.



			COI	NTACTS			
ALPHEUS COMM	MUNICATIONS		UTILITY	COMPANIES	)	CITY GOVERNI	MENT
OUTSIDE PLANT PROJECT ENGINEER: NAME: TEO GALVAN SUPERVISOR: NAME: N/A MANAGER: NAME: OUTSIDE PLANT	PHONE: 713.336.6336 PHONE: ( ) PHONE: ( )	CALL BEFOR  COMPANY: CONTACT: ADDRESS: CITY, STATE:	-	TE	1-800-545-6005 (AS ONE CALL ONE: ()	CITY: DALLAS CONTACT: ADDRESS: CITY, STATE: ADDISON, TEXAS	PHONE:
PROJECT SUPERVISOR: NAME: RJ McCALL CONSTRUCTION ENGINEER: NAME: N/A MANAGER: NAME:	PHONE: 817.247.4078  PHONE: ( )  PHONE: ( )		UTILITY	COMPANIES		COUNTY GOVER  COUNTY: CONTACT: ADDRESS: CITY, STATE:	PHONE:()
ENGINEERING (  NAME: Tech Group PROJECT MANAGER: NAME: Charles Martinez ENGINEERING SUPERVISOR: NAME:	PHONE: 972.613.0881  PHONE: 214.317.5452  PHONE: ( )					STATE GOVERN  STATE: CONTACT: ADDRESS: CITY, STATE:	MENT  PHONE:()
NAME: TBD PROJECT MANAGER: NAME TBD ENGINEERING SUPERVISOR: NAME	PHONE:						

CONTIDUTAL AND PROPRIETY INFRAMATION EXCEPT
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ARE EXCEPTED OF A PROPRIETY OF APPENES COMPLICATIONS SHALL RELAY
THE PROPRIETY OF APPENES COMPLETED FOR ANY PURPOSE
ROUTES SUBJECT TO APPROVAL.

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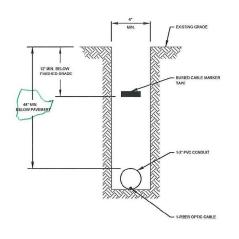


MATERIAL LIST DESCRIPTION QUANTITY ALPHEUS COMMUNICATIONS ALPHEUS COMMUNICATIONS **BUILDING CONNECT** 5057 KELLER SPRINGS ROAD ADDISON, TEXAS PROJECT# APPROVALS TECH GROUP DATE RAWN BY APRIL 2016 HECKED BY DATE DESIGN COORD. DATE DATE PROJECT SUPV. PERATIONS REVISIONS NO. DESCRIPTION DATE DRAWING DATA HOR. SCALE: N/A F.B.:
VERT. SCALE: N/A PROJECT ID:
File No.: 16134

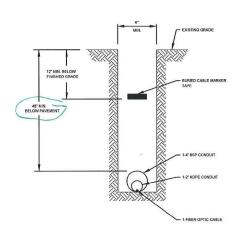
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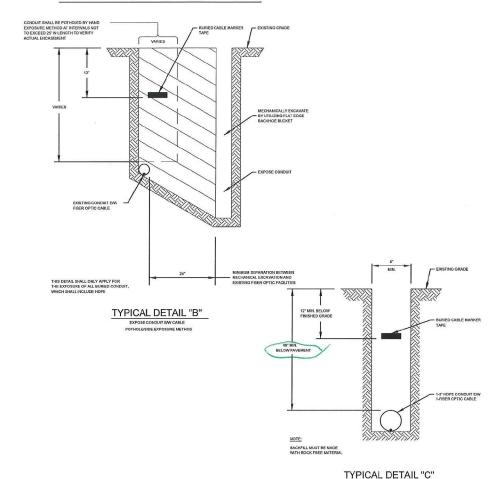
TYPICAL DETAIL "A"



TYPICAL DETAIL "D"

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# **CONSTRUCTION TYPICALS**



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.



PLACE 1-2" HDFE CONDUITS

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

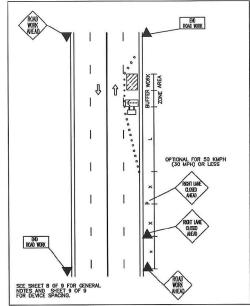
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DRAWN BY	TECH GROUP	DATE	APRIL 2016
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PROJECT SUP	V.	DATE	
OPERATIONS		DATE	
	REVISI	ONS	

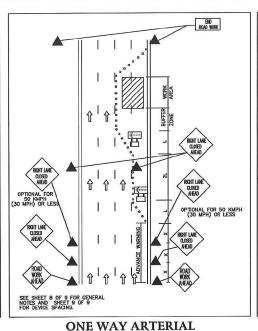
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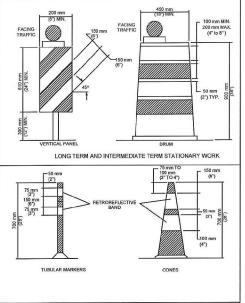
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## TRAFFIC CONTROL TYPICAL DETAILS





TWO-LANE CLOSURE



CHANNELIZING DEVICES

ARTERIAL ONE LANE CLOSURE

Typical Transition Lengths and Suggested Maximum Spacing of Devices

			Toper	Minimum Desirable Toper Lengths (L) Maters (Feet)			Suggested Max. Suggeste Device Specing Sign Speci Meters (Fe		
Speed KMPH	Posted Speed MPH	Formula	3.0(10) Offeet Maters (feet)	3.3(11) Offset Meters (feet)	3.6(12) Offset Meters (feet)	On a taper Maters (feet)	On a tangent Meters (feet)	"X" Dimension	
50	30		45 (150)	(165)	55 (180)	(30)	15-20 (80-75)	40 (120)	
55	35	L= <u>WS</u> *	65 (205)	70 (225)	75 (245)	10 (35)	25-25 (70-90)	50 (160)	
65	40		80 (265)	90 (295)	100 (320)	12 (40)	25-30 (80-100)	75 (240)	
70	45		135 (450)	150 (495)	165 (540)	13 (45)	25-30 (90-110)	100 (320)	
80	50	1	150 (500)	165 (550)	180	15 (50)	30-35 (100-125)	120 (400)	
90	55		165 (550)	185	200 (660)	16 (55)	35-40 (110-140)	150 (500)	
95	60	L=WS	180	200 (660)	220 (720)	18 (60)	40-45 (120-150)	180 (600)	
105	65		195 (650)	215 (715)	235 (780)	19 (85)	40-50 (130-165)	210 (700)	
115	70	1	215 (700)	235 (770)	255 (840)	21 (70)	45-55 (140-175)	240 (800)	

CONFIDENTIAL AND PROPRIETY INFORMATION DICEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT. THE DEPARTMENT OF THE PROVIDED BY CONTRACT. THE DEPARTMENT OF THE PROVIDED BY CONTRACT. THE DEPARTMENT OF THE PROVIDED BY THE PROVIDED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION. ROUTES SUBJECT TO APPROVIDE.



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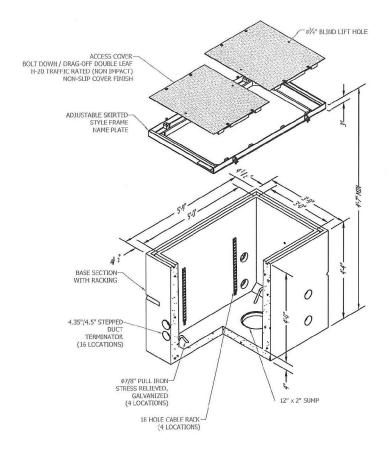
ALPHEUS COMMUNICATIONS
BUILDING CONNECT
5057 KELLER SPRINGS ROAD
ADDISON, TEXAS
PROJECT#

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DATE: PHASE\_DATE APPROVERS\_TITLE

O5 OF 19

# 3' X 5' X4 PRECAST HANDHOLE DETAIL



MATERIAL LIST DESCRIPTION QUANTITY



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

	APPRO'	VALS	
DRAWN BY	TECH GROUP	DATE	APRIL 2016
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CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 48 HOURS NOTICE REQUIRED. CALL: 1-800-344-8377

APPROVERS\_TITLE

06 OF 19

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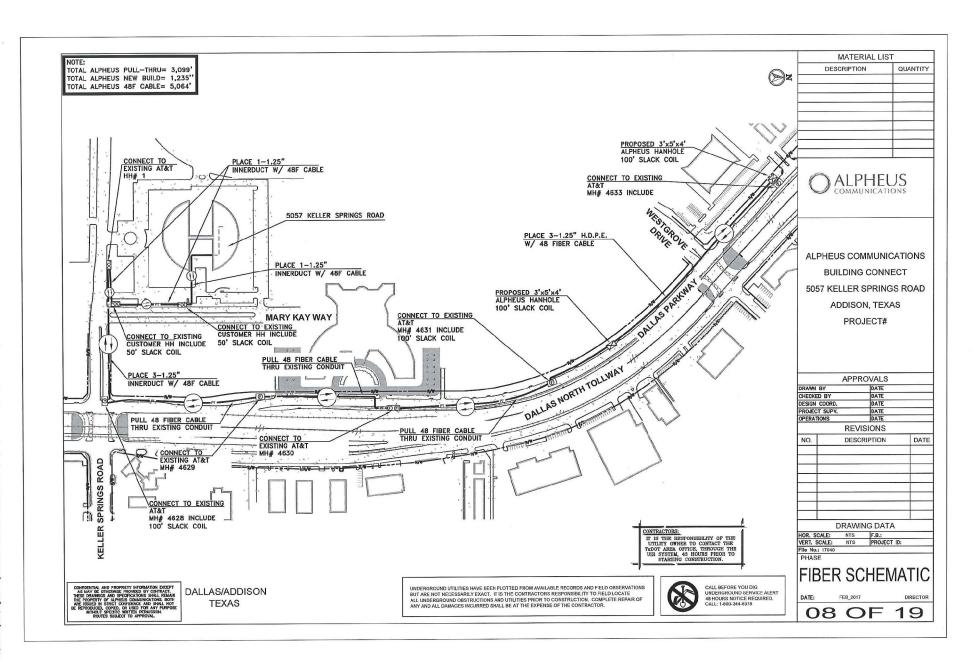


CLARIFICATION #	DESCRIPTION	QUANTITY
630	DIRECTIONAL BORE	1,235'
210	4" CORE	2
210	PULL - THRU	3,099'
411	(3)1.25" INNERDUCT	3,705'
411	(1)1.25" INNERDUCT	940'
212	3'x5'x4' HANDHOLE	2
410	TOTAL 48 FIBER CABLE	5,064'

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VERT. SCALE: N/A PROJECT ID: File No.: 16134 PHASE APPROVERS\_TITLE 07 OF 19

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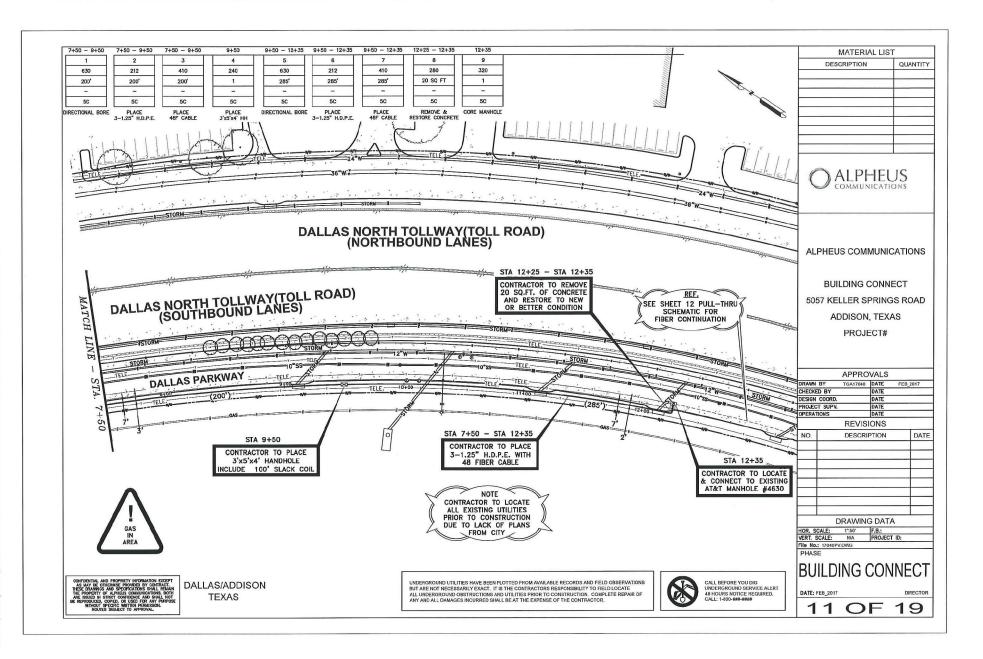
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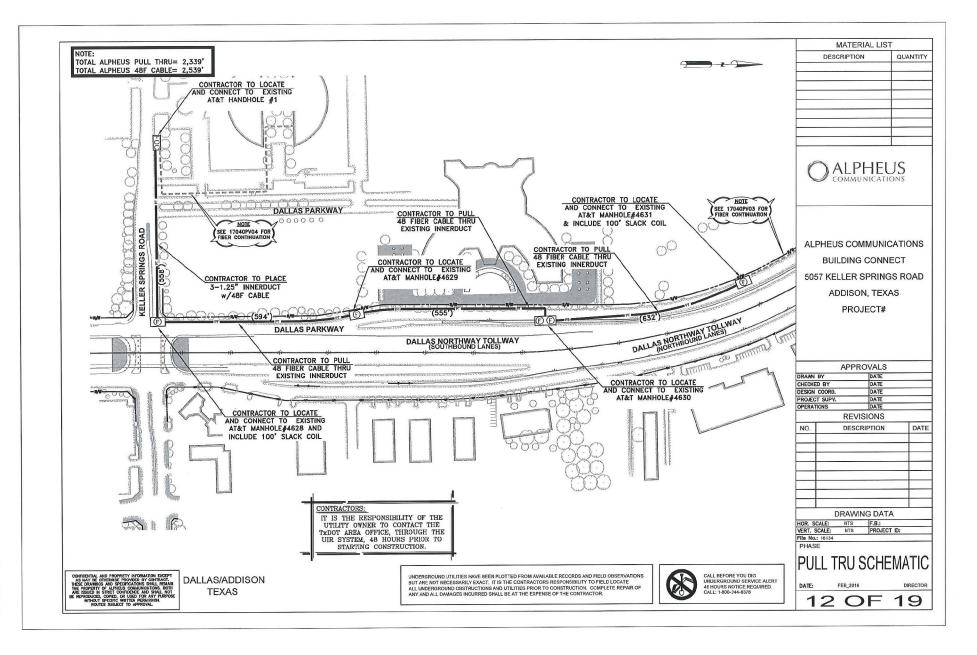
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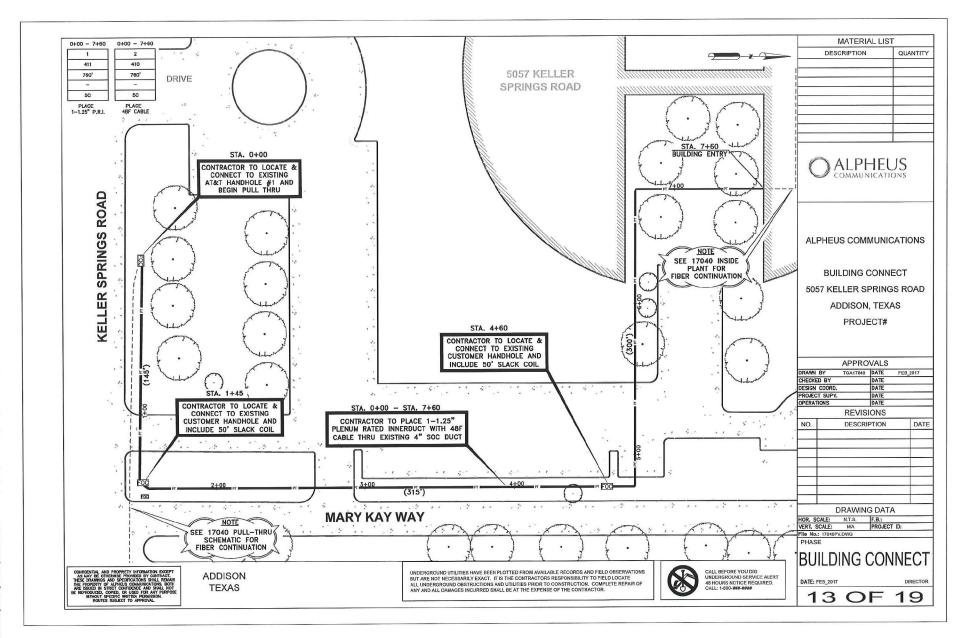
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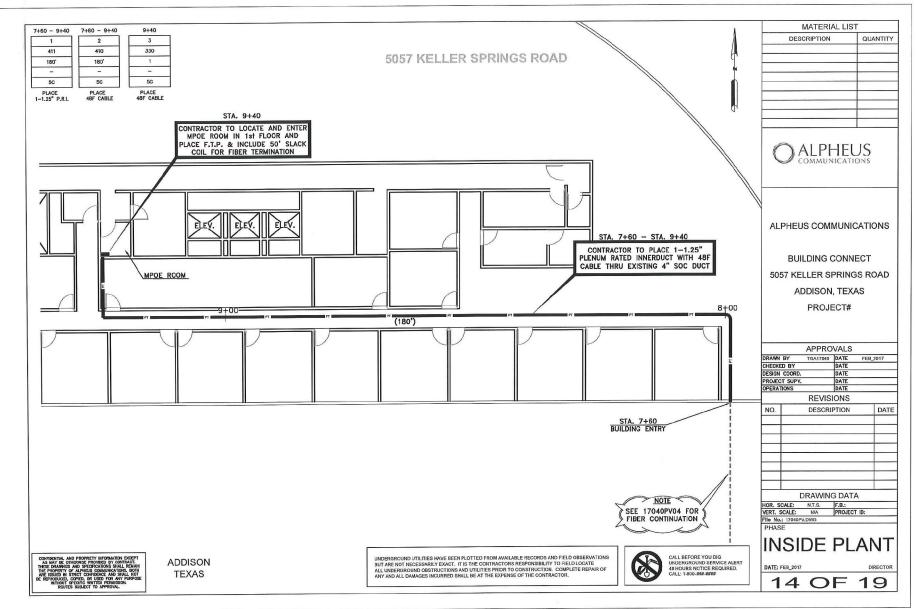
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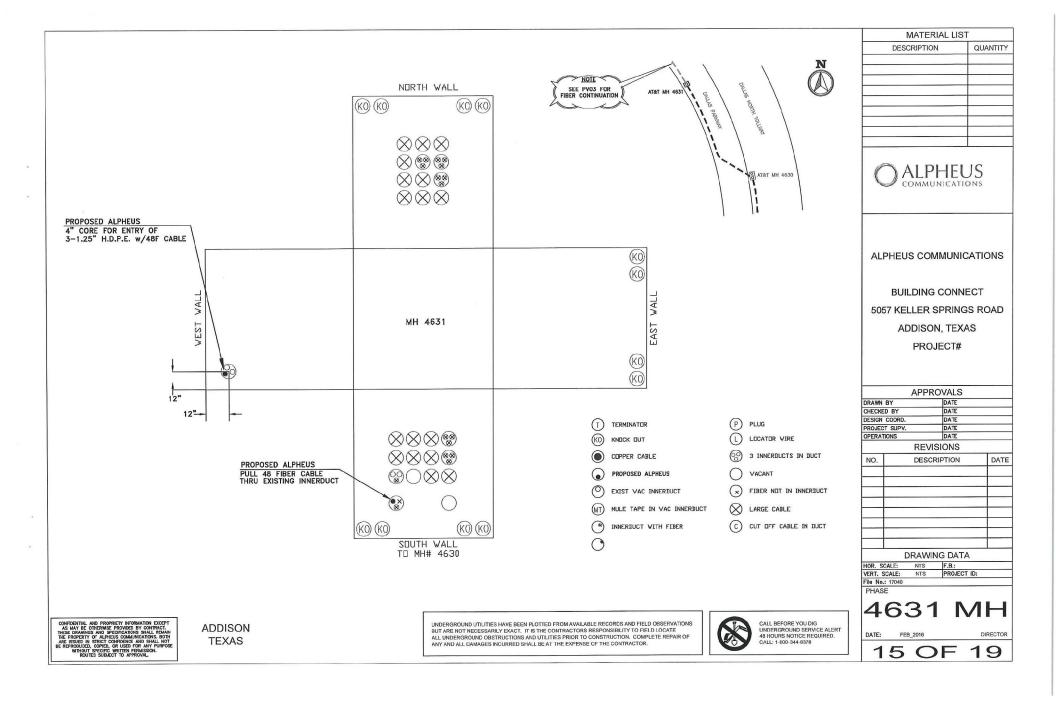
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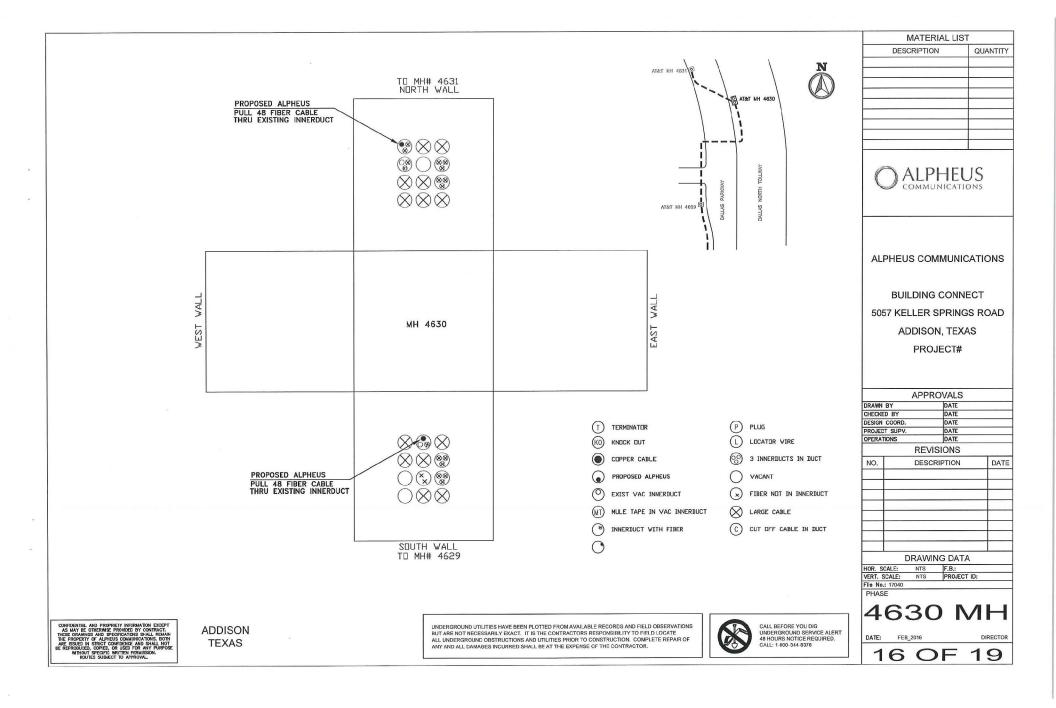


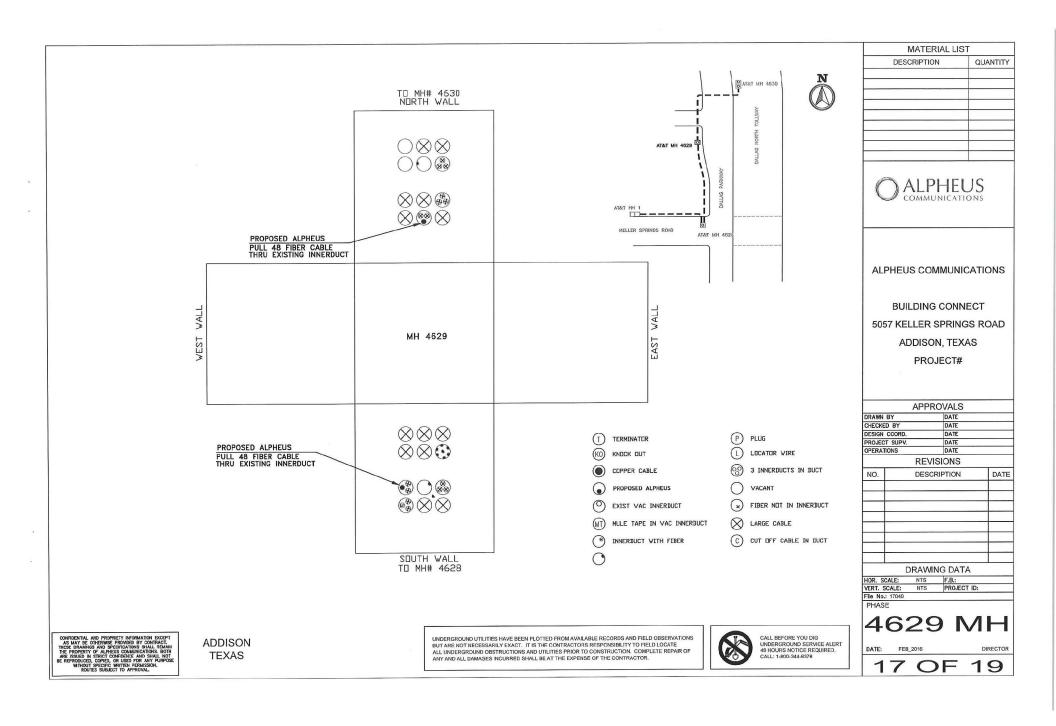


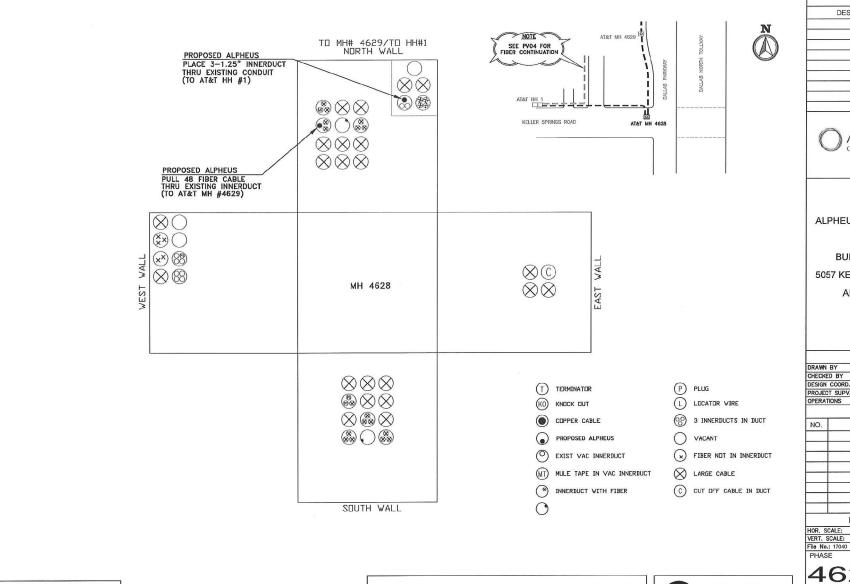












MATERIAL LIST DESCRIPTION QUANTITY

**ALPHEUS** 

ALPHEUS COMMUNICATIONS

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

	APP	ROVALS	
DRAWN BY		DATE	
CHECKED BY		DATE	
DESIGN COORD.		DATE	
PROJECT SUPV.		DATE	
OPERATIONS		DATE	
	RE	VISIONS	
NO.	DES	CRIPTION	DATE
	DRAM	/ING DATA	

NTS F.B.: NTS PROJECT ID: HOR. SCALE:

4628 MH

18 OF

**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. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.



