PART 1 – GENERAL

1.1 SUMMARY

> EDIT ITEMS NOT INCLUDED IN THE PROJECT

A. Division Includes:
   1. Dry Erase Wallcovering.
   2. Magnetic Receptive Dry Erase Wallcovering.
   3. Projection Dry Erase Wallcovering.
   4. Dry Erase Wallcovering with Grid.
   5. Dry Erase Wallcovering with Lines.
   6. Adhesive Backed Dry Erase Wallcovering.
   7. Pigmented Dry Erase Wallcovering.
   8. Tray, Trim, and Presentation Rails.
   9. Accessories.
B. Related Divisions:
   1. Division 26 51 00   Interior Lighting.
   2. Division 09 20 00   Plaster and Gypsum Board: Wall substrate.
   3. Division 09 91 23   Interior Painting: Priming for vinyl wall coverings.
   4. Division 09 72 16.13   Flexible Vinyl Wall Coverings.
   5. Division 10 11 00   Visual Display Surfaces: Chalk and markerboards.

1.2 REFERENCES

A. American Society for Testing and Materials (ASTM):
   E84   Test Method for Surface Burning Characteristics of Building Materials.
B. Gypsum Association
   GA-214-M-97   Recommended Levels of Gypsum Board Finish.

1.3 SUBMITTALS

A. Manufacturer's product data and installation instructions for each type of dry erase wallcovering, adhesive, and accessories required.
B. Manufacturer's written product data indicating compliance with specified materials required.
C. Manufacturer's written installation instructions.
D. Manufacturer's written instructions for recommended maintenance of each type of dry erase wall covering required.
E. Samples:
   1. 7 inch (177.8mm) x 9 inch (228.6mm) samples of each dry erase material required.
   2. 6 inch (152.4mm) samples of trim, tray, and end caps required.

1.4 QUALITY ASSURANCE

A. Manufacturer: Provide each type of dry erase wallcovering required produced by one manufacturer.

B. Installer: Installation by skilled commercial wallcovering contractor with no less than three years of documented experience installing dry erase wallcovering of the types and extent required.

SELECT ONE OR MORE OF THE FOLLOWING PRODUCTS

C. Composition:
1. **Nu-Vu-Rite™:** Provide non-woven backing, pigmented vinyl capped with matte, projectable, dry erase film, embossed with a bi-directional lenticular pattern that meets California Indoor Air Quality Specification 01350.
2. **Project-Rite™:** Provide non-woven backing, pigmented vinyl capped with matte, projectable, dry erase and slight emboss that meets California Indoor Air Quality Specification 01350. specify color: 00 white, 03 white sand, 05 off-white,   20 light beige
3. **Matte-Rite™:** Provide specify backing: non-woven or adhesive backing with white pigmented vinyl capped with matte, projectable, dry erase film that meets California Indoor Air Quality Specification 01350.
4. **Projectable Mag-Rite™:** Provide woven backing, ferrous sheet bonded with white pigmented vinyl capped with matte, projectable, dry erase film.
5. **Mag-Rite®:** Provide woven backing, ferrous sheet bonded with white pigmented vinyl and capped with semi-gloss, dry erase film that meets California Indoor Air Quality Specification 01350.
6. **Mag-Rite® 59:** Provide woven backed, ferrous sheet bonded with white pigmented vinyl and capped with semi-gloss, dry erase film that meets California Indoor Air Quality Specification 01350.
7. **Mag-Rite® Grid:** Provide woven backing, ferrous sheet bonded with white pigmented vinyl printed with light grid lines and capped with semi-gloss, dry erase film.
8. **Just-Rite®:** Provide woven backing, white pigmented vinyl capped with semi-gloss, dry erase film that meets California Indoor Air Quality Specification 01350. (Note: Just-Rite 60 meets California Indoor Air Quality Specification 01350; Just-Rite 48 has not
been tested to that standard.)
9. **Just-Rite® Grid:** Provide woven-backing, white pigmented vinyl printed with light grid lines capped with semi-gloss, dry erase film.
10. **EZ-Rite®:** Provide specify backing: non-woven or self-adhesive backing, white pigmented vinyl capped with high-gloss, dry erase film that meets California Indoor Air Quality Specification 01350.
11. **Koro-Rite®:** Provide non-woven backing, pigmented vinyl capped with high-gloss, dry erase film that meets California Indoor Air Quality Specification 01350. specify color: 00 white, 05 off-white
D. Surface Burning Characteristics Classification: Provide materials that meet Class I/A rating when tested in accordance with ASTM E84 for flame spread and smoke developed
E. Field Samples: Prepare field samples for architect's review and establish requirements for seaming and finish trim.
1. Install sample panel of each type presentation wallcovering specified in area designated by architect.
2. Maintain corrected and approved samples to serve as a standard of performance for the project.

1.5   PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver presentation wallcoverings to the project site in unbroken and undamaged original

factory packaging and clearly labeled with the manufacturer's identification label, quality or grade, and lot number.
B. Store materials in a clean, dry storage area with temperature maintained above 55°F (13°C) with normal humidity.
C. Store material within original packaging to prevent damage.

1.6 PROJECT CONDITIONS

A. Do not apply presentation wallcoverings when surface and ambient temperatures are outside the temperature ranges required by the wallcovering manufacturer.
B. Provide continuous ventilation and heating facilities to maintain substrate surface and ambient temperatures above 55°F (13°C) unless required otherwise by manufacturer's instructions.
C. Apply adhesive when substrate surface temperature and ambient temperature is above 55°F (13°C) and relative humidity is below forty percent.
D. Maintain constant recommended temperature and humidity for at least 72 hours prior to and throughout the installation period, and for 72 hours after wallcovering installation completion.
E. Provide not less than 80-foot-candles per square foot lighting level measured mid-height at substrate surfaces.

1.7 ` WARRANTY

 Submit manufacturer's limited ten-year written warranty against manufacturing defects.

1.8 MAINTENANCE

Maintenance instructions: Include precautions against cleaning materials and methods that may be detrimental to finishes and performance.

PART 2 - PRODUCTS

2.1 MANUFACTURER

Wallcoverings: Walltalkers Wallcoverings manufactured by Koroseal Interior Products, LLC., Fairlawn, Ohio, and distributed by _____.
Contact sales representative _____ at _____.

2.2 MATERIALS

SELECT ONE OR MORE OF THE FOLLOWING PRODUCTS

A. **Walltalkers Nu-Vu-Rite:** Non-woven backed, pigmented vinyl capped with matte, projectable, dry erase film, embossed with a bi-directional lenticular pattern. Patent # 5,361,164.
  1. NV50: 49/50 inch (1.25/1.27m) width, non-woven backing.
  2. NV60: 59/60 inch (1.50/1.52m) width, non-woven backing.
B. **Walltalkers Project-Rite:** Non-woven backed, pigmented vinyl capped with matte, projectable, dry erase and slight emboss.
  1. PE50: 49/50 inch (1.25/1.27m) width, non-woven backing, white only.
  2. PE60: 59/60 inch (1.50/1.52m) width, non-woven backing, specify color.

C. **Walltalkers Matte-Rite:** Specify backing: non-woven or adhesive backing with white pigmented vinyl capped with matte, projectable, dry erase film.
1. MP50: 49/50 inch (1.25/1.27m) width, non-woven backing, white only.
2. MP60: 59/60 inch (1.50/1.52m) width, non-woven backing, specify color.
3. MA50: 49/50 inch (1.25/1.27m) width, self-adhesive backing, white only.

D. **Walltalkers Projectable Mag-Rite:** Woven backed, ferrous sheet bonded with white pigmented vinyl capped with matte, projectable, dry erase film.
1. M2PR: 47/48 inch (1.19/1.22m) width, scrim backing.

E. **Walltalkers Mag-Rite:** Woven backed, ferrous sheet bonded with white pigmented vinyl and capped with semi-gloss, dry erase film.
1. M248: 47/48 inch (1.19/1.22m) width, woven backing.
2. M2GR: 2 inch (50.8mm) by 2 inch (50.8mm) grid, 47/48 inch (1.19/1.22m) width, woven backing. Patent # 6,251,500
3. M259: 59/60 inch (1.50/1.52m) wide, woven backing.

F. **Walltalkers Just-Rite:** Woven backed, white pigmented vinyl capped with semi-gloss, dry erase film.
1. JR48: 47/48 inch width (1.19/1.22m), scrim backing.
2. JR60: 59/60 inch (1.50/1.52m) width, scrim backing.
3. JRGR: 2 inch (50.8mm) by 2 inch (50.8mm) grid, 47/48 inch (1.19/1.22m) width, scrim backing. Patent # 6,251,500

G. **Walltalkers EZ-Rite:** Specify backing: non-woven or self-adhesive backing, white pigmented vinyl capped with high-gloss, dry erase film
1. ZA50: 49/50 inch (1.25/1.27m) width, self-adhesive backing.
2. ZP50: 49/50 inch (1.25/1.27m) width, non-woven backing.
  H. **Walltalkers Koro-Rite:** Non-woven backed, pigmented vinyl capped with high-gloss, dry erase film.
1. KR60: 59/60-inch (1.50/1.52m), non-woven backing, specify color.

2.3   TRIM & TRAY
A. **Aluminum Tray:** Clear satin, anodized aluminum, snap-on marker and eraser tray with clips. Specify length: 4' length (TY04-00), 8' length (TY08-00), 12' length (TY12-00)
B. **Aluminum Trim:** Clear satin, anodized aluminum, snap-on trim with clips. Specify length: 4' length (TY04-00), 8' length (TY08-00), 12' length (TY12-00)
C. **End Caps:**
1. ET02-00: 1/4 inch (6mm) box tray end cap set for marker and eraser tray.
2. ET03-00: 1/2 inch (13mm) anodized tray end cap set for marker and eraser tray.
D. **J Cap Wallcovering Trim:**
JC12-00: Clear satin, anodized aluminum, low profile trim
E. **Quantum Tray:** Aluminum blade style marker and eraser tray with angled, smooth-finished ends and installation hardware kit. Specify finish and length:
1. QA18TY-00: Silver anodized aluminum, 18 inch (457 mm) length only.
2. QA36TY-00: Silver anodized aluminum, 36 inch (914 mm) length only.
3. QA48TY-00: Silver anodized aluminum, 48 inch (1.22 m) length only.
4. QP18TY-05: White powder coated aluminum, 18 inch (457 mm) length only.
5. QP36TY-05: White powder coated aluminum, 36 inch (914 mm) length only.
6. QP48TY-05: White powder coated aluminum, 48 inch (1.22 m) length only.
7. QP18TY-04: Black powder coated aluminum, 18 inch (457 mm) length only.
8. QP36TY-04: Black powder coated aluminum, 36 inch (914 mm) length only.
9. QP48TY-04: Black powder coated aluminum, 48 inch (1.22 m) length only.
F. **Quantum Mag Tray:** Aluminum blade style marker and eraser tray with magnetic backing. Specify finish:

1. QM18TY-00: Silver anodized aluminum, 18 inch (457 mm) length only.
2. QM36TY-00: Silver anodized aluminum, 36 inch (914 mm) length only.
3. QM48TY-00: Silver anodized aluminum, 48 inch (1.22 m) length only.
4. QM18TY-05: White powder coated aluminum, 18 inch (457 mm) length only.
5. QM36TY-05: White powder coated aluminum, 36 inch (914 mm) length only.
6. QM48TY-05: White powder coated aluminum, 48 inch (1.22 m) length only.
7. QM18TY-04: Black powder coated aluminum, 18 inch (457 mm) length only.
8. QM36TY-04: Black powder coated aluminum, 36 inch (914 mm) length only.
9. QM48TY-04: Black powder coated aluminum, 48 inch (1.22 m) length only.

G. **Stratum Tray:** Powder coated aluminum, snap-on marker and eraser tray with clips.
   Specify finish:
   1. AP18-P1: White stratum tray w/ET02-00 end caps, 18 inch (457 mm) length only.
   2. AP18-P2: Silver stratum tray w/ET02-99 end caps, 18 inch (457 mm) length only.
   3. AP18-P3: Gold stratum tray w/ET02-99 end caps, 18 inch (457 mm) length only.

H. **Plastic Marker Dispenser:**
   1. PMD1-92: Gray plastic marker dispenser.
   2. PMD1-99: Black plastic marker dispenser.

I. **Wood Tray:** Provide wood tray in random lengths of 8 feet (2.44m) to 12 feet (3.66 m).
   1. WTYS-M0: Maple wood marker and eraser tray, unfinished.
   2. WTYS-M1: Maple wood marker and eraser tray, clear coat.
   3. WTYS-M2: Maple wood marker and eraser tray, red oak stain.
   4. WTYS-M3: Maple wood marker and eraser tray, cherry stain.
   5. WTYS-MZ: Maple wood marker and eraser tray, specify custom stain.
   6. WTYS-R0: Oak wood marker and eraser tray, unfinished.
   7. WTYS-R1: Oak wood marker and eraser tray, clear coat.
   8. WTYS-R2: Oak wood marker and eraser tray, red oak stain.
   9. WTYS-R3: Oak wood marker and eraser tray, cherry stain.
   10. WTYS-RZ: Oak wood marker and eraser tray, specify custom stain.

J. **Wood Trim:** Provide wood trim in random lengths of 8 feet (2.44m) to 12 feet (3.66m).
   1. WTRS-M0: Maple wood trim, unfinished.
   2. WTRS-M1: Maple wood trim, clear coat.
   3. WTRS-M2: Maple wood trim, red oak stain.
   4. WTRS-M3: Maple wood trim, cherry stain.
   5. WTRS-MZ: Maple wood trim, specify custom stain.
   6. WTRS-R0: Oak wood trim, unfinished.
   7. WTRS-R1: Oak wood trim, clear coat.
   8. WTRS-R2: Oak wood trim, red oak stain.
   9. WTRS-R3: Oak wood trim, cherry stain.
   10. WTRS-RZ: Oak wood trim, specify custom stain.

K. **Colonial Wood Tray:** Provide wood tray in random lengths of 8 feet (2.44m) to 12 feet (3.66m).
   1. WTYC-M0: Colonial maple wood marker and eraser tray, unfinished.
   2. WTYC-M1: Colonial maple wood marker and eraser tray, clear coat.
   3. WTYC-M2: Colonial maple wood marker and eraser tray, red oak stain.
   4. WTYC-M3: Colonial maple wood marker and eraser tray, cherry stain.
   5. WTYC-MZ: Colonial maple wood marker and eraser tray, specify custom stain.
   6. WTYC-R0: Colonial oak wood marker and eraser tray, unfinished.
   7. WTYC-R1: Colonial oak wood marker and eraser tray, clear coat.
   8. WTYC-R2: Colonial oak wood marker and eraser tray, red oak stain.
   9. WTYC-R3: Colonial oak wood marker and eraser tray, cherry stain.
   10. WTYC-RZ: Colonial oak wood marker and eraser tray, specify custom stain.

L. **Colonial Wood Trim:** Provide wood trim in random lengths of 8 feet (2.44m) to 12 feet (3.66m).
   1. WTRC-M0: Colonial maple wood trim, unfinished.
   2. WTRC-M1: Colonial maple wood trim, clear coat.
   3. WTRC-M2: Colonial maple wood trim, red oak stain.
   4. WTRC-M3: Colonial maple wood trim, cherry stain.
   5. WTRC-MZ: Colonial maple wood trim, specify custom stain.
   6. WTRC-R0: Colonial oak wood trim, unfinished.
   7. WTRC-R1: Colonial oak wood trim, clear coat.
   8. WTRC-R2: Colonial oak wood trim, red oak stain.
   9. WTRC-R3: Colonial oak wood trim, cherry stain.
   10. WTRC-RZ: Colonial oak wood trim, specify custom stain.
M. **Wood Tray:** Provide wood tray in length of 24 inch (609.6mm).
   1. WT24-M0: Maple wood marker and eraser tray, unfinished.
   2. WT24-M1: Maple wood marker and eraser tray, clear coat.
   3. WT24-M2: Maple wood marker and eraser tray, red oak stain.
   4. WT24-M3: Maple wood marker and eraser tray, cherry stain.
   5. WT24-MZ: Maple wood marker and eraser tray, specify custom stain.
   6. WT24-R0: Oak wood marker and eraser tray, unfinished.
   7. WT24-R1: Oak wood marker and eraser tray, clear coat.
   8. WT24-R2: Oak wood marker and eraser tray, red oak stain.
   9. WT24-R3: Oak wood marker and eraser tray, cherry stain.
   10. WT24-RZ: Oak wood marker and eraser tray, specify custom stain.
N. **Paper Rail:**
   PR12-00: Aluminum Paper Rail.
O. **Tack Rail:**
   1. T112-ZZ: ZZ = color 1 inch (25mm) tack rail with Tac-Wall® insert
   2. T212-ZZ: ZZ = color 2 inch (51mm) tack rail with Tac-Wall® insert

2.4   ACCESSORIES

A. **Adhesives:** Heavy-duty clear or clay based premixed vinyl adhesive.
B. **Substrate Primer/Sealer:** White pigmented acrylic base primer/sealer specifically formulated for use with vinyl wallcoverings.
C. **Presentation Starter Kit:** Provide one Walltalkers starter kit containing eight dry erase markers, one eraser, two dry erase cleaning cloths, one empty bottle for water, and one 8 ounce (.23kg) bottle liquid surface cleaning solution for each room installed with dry erase wallcovering.
   1. RK1RSK2: Regular starter kit with standard dry erase markers.
D. **Broad Tip Dry Erase Markers:**
   1. EC12-99: Chisel BLK - 12CT
   2. EC04-00: Set of four colors: red, blue, green, black.
E. **Eraser:**
   1. DEFE-99: Dry erase felt eraser.
   2. DECC-Y1: Dry erase cleaning cloth - yellow.
F. **Liquid Surface Cleaner:**
   1. RCC8: 8 ounce (.23kg) bottle liquid surface cleaner.
G. **Magnets:**
   1. MAG1: Heavy duty magnet – black.
H. **Aluminum Marker Caddy:** Provide 3 inch (76 mm) high x 7-1/4 inch (184 mm) wide aluminum caddy with four holes and a slot for storing markers and an eraser.
   1. AMC1-00: Aluminum marker & eraser caddy, silver anodized aluminum.

2. AMC1-05: Aluminum marker & eraser caddy, white powder coated aluminum.
3. AMC1-04: Aluminum marker & eraser caddy, black powder coated aluminum.
4. AMCM-00: Aluminum marker & eraser caddy w/ magnetic backing, silver anodized aluminum.
I. **Wood Shelf Caddy:** Provide 12 inch (304.8mm) high x 7-5/8 inch (193.7mm) wide wood caddy with four shelves spaced 1-3/4 inch (4.4mm) apart for storing markers and erasers.
1. WSC1-M0: Maple wood shelf caddy, unfinished
2. WSC1-M1: Maple wood shelf caddy, clear coat.
3. WSC1-M2: Maple wood shelf caddy, red oak stain.
4. WSC1-M3: Maple wood shelf caddy, cherry stain.
5. WSC1-MZ: Maple wood shelf caddy, specify custom stain.
6. WSC1-R0: Oak wood shelf caddy, unfinished.
7. WSC1-R1: Oak wood shelf caddy, clear coat.
8. WSC1-R2: Oak wood shelf caddy, red oak stain.
9. WSC1-R3: Oak wood shelf caddy, cherry stain.
10. WSC1-RZ: Oak wood shelf caddy, specify custom stain.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and installation conditions to ensure surface conditions meet or exceed a Level 4 finish, per GA-214-M-97: Recommended Levels of Gypsum Board Finish, and permanent lighting should be installed and operational.
B. Test substrate with suitable moisture meter and verify that moisture content does not exceed four percent.
C. Verify substrate surface is clean, dry, smooth, structurally sound, and free from surface defects and imperfections that would show through the finished surface.
D. Evaluate all painted surfaces for the possibility of pigment bleed-through.
E. Notify the contractor and architect in writing of any conditions detrimental to the proper and timely completion of the installation.
F. Beginning of installation means acceptance of surface conditions.

SELECT INSTALLATION FOR WALLCOVERING BACKING OR ADHESIVE BACKING

3.2 INSTALLATION Wallcovering backing.

A. Acclimate wallcovering in the area of installation a minimum of 24 hours before installation.
B. Read and follow the manufacturer's installation instruction sheet contained in each roll of the dry erase wallcovering.
C. Examine all materials for pattern, color, quantity and quality, as specified for the correct location prior to cutting.
D. Primer: Use a quality pigmented acrylic wallcovering primer.
E. Adhesive: Apply a uniform coat of heavy-duty pre-mixed clay-based or extra strength clear wallcovering adhesive.
F. Install each strip horizontally and in the same sequence as cut from the roll.
G. Install dry erase wallcovering sheets in exact order as they are cut from bolt. Reverse hang alternate strips (except lined products). Do not crease or bend the wallcovering when handling.
H. Install dry erase wallcovering horizontally using a level line.
I. Using a level or straight edge, double cut the seam with a seam-cutting tool (Ex: Double Seam-Cutter or Swedish Knife). Do not score drywall or plasterboard

when cutting material.

J. When covering the entire wall, seam the material out of the main writing and viewing areas of the wall.

K. Apply wallcovering to the substrate using a wallcovering smoother, wrapped with a soft cloth, to remove air bubbles. Do not use sharp edged smoothing tools. Smooth material on the wall from the middle to the outside edge.

L. Remove excess adhesive immediately after the wallcovering is applied. Clean entire surface with a warm mild soap solution, and clean soft cloths. Rinse thoroughly with water and let dry before using. Change water often to maintain water clarity.

M. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

3.3   INSTALLATION Self-adhesive backing.

A. Apply Walltalkers adhesive backed dry erase wallcovering only on surfaces impervious to moisture such as chalkboards, marker boards, glass, high-pressure laminates, or similar.

B. Acclimate wallcovering in the area of installation a minimum of twenty-four hours before installation.

C. Examine all materials for color, quantity, and quality as specified for the correct location prior to cutting.

D. Read and follow the instructions in the manufacturer's installation sheet contained in each roll of the dry erase wallcovering.

E. Do not crease or bend the wallcovering when handling.

F. Mix dampening solution by using one half to one capful of mild detergent to 1 gallon (1.81kg) clean water. Damping solution is used in positioning the material and allows for the removal of air bubbles.

G. Use a pump spray bottle to apply the dampening solution to the the surface.

H. Slowly remove release liner and smooth wall covering to the hanging surface using a wallcovering smoother wrapped with a soft cloth from the middle to the outside edge to remove air bubbles.

I. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

3.4   CLEAN-UP

A. Upon completion of installation, remove all exposed adhesive immediately using a soft cloth and a warm, mild soap solution and rinse thoroughly with water and dry with clean towel prior to using.

B. Upon completion of the work, remove surplus materials, rubbish, and debris resulting from the wallcovering installation. Leave areas in neat, clean, and orderly condition.

END OF SECTION